

**THE NETHERLANDS**  
(N E D E R L A N D)**COMMUNICATION**Concerning <sup>(1)</sup>:

- ~~approval granted~~
- approval extended
- ~~approval refused~~
- ~~approval withdrawn~~
- ~~production definitely discontinued~~

of a type of tyre for motor vehicles pursuant to Regulation number 54.

**Approval number: E4\*54R00/23\*41179\*08**

1. Manufacturer's name and address : LLIT (THAILAND) CO., LTD.  
911/9 Moo 5, Khaokhansong, Sriracha, Chonburi  
20110, Thailand
2. Tyre type designation <sup>(2)</sup> :
  - 2.1. Brand name(s)/trademark(s) : LINGLONG; SHANLING; LEAO; Infinity;  
Benchmark; ATLAS TIRE; BARKLEY;  
BENCHMARK; GREEN MAX; XBRI;  
FINIXX; CROSSWIND; TECHKING;  
SUMO FIRENZA; FULLMILE; TOMKET;  
AUFINE; MAXELL; ANEMOI; HUBTRAC
  - 2.2. Trade description (s)/Commercial  
name(s)/ : LTL812; STL812; ATL812; ITL812; BTL812;  
GRS802; GRS806; XCURVE; AP-200; FX125T;  
BL203+; ETD100; BL831; CWD10E; GRD802;  
ETS100; BL221; CWS10E; KTD300; BL833;  
GRD806; CWD30K; KTS300; BL223;  
CWS30K; KWS600; BLW12; GWS828;  
CWS60W; KWD600; BLW18; GWD838;  
CWD60W; F860; SF860; LF860; BF860;  
TASK ST; AP-100 $\oplus$ ; TASK DH;  
DRIVUS -WS; DRIVUS-WD; DRIVUS-S;  
DRIVUS-D; T-HYBRID D01; AEL2; MAL2;  
T-HYBRID S01; TOMKET TD2;  
TOMKET TF2; TOMKET TF1;  
HIGHWAY S11; HIGHWAY D11;  
REGIONAL S11; REGIONAL D11


**Approval number: E4\*54R00/23\*41179\*08**

3. If applicable, name and address of the manufacturer's representative : Not applicable
4. Summarized description:
- 4.1. Size of tyre : 315/70R22.5
- 4.2. Category of use : ~~normal~~/snow/special<sup>(1)</sup>
- 4.3. Structure : ~~diagonal (bias-ply)~~/radial<sup>(1)</sup>
- 4.4. Tyre class : ~~E2~~/C3<sup>(1)</sup>
- 4.5. Speed category symbol:
- 4.5.1. nominal : L
- 4.5.2. additional (if applicable) : M
- 4.6. Load-capacity indices:
- 4.6.1. Corresponding to nominal speed:  
– single : 156  
– twinned (dual) : 150
- 4.6.2. Corresponding to additional speed:  
– single : 154  
– twinned (dual) : 150
5. Technical service and, where applicable, test laboratory approved for purposes of approval or of verification of conformity : IDIADA Automotive Technology, S.A.  
L'Albornar, P.O. Box 20  
43710 Santa Oliva (Tarragona)  
Spain
6. Date of report issued by that service : July 24, 2020
7. Number of report issued by that service : CN20070389
8. Reason(s) for extension (if applicable) : Addition of brand name and trade description;  
Addition of another tyre construction;  
The technical service is changed from TUV  
NORD into IDIADA
9. Any remarks : ---



**Approval number: E4\*54R00/23\*41179\*08**

10. Place : Zoetermeer
11. Date : 12 August 2020
12. Signature :



**P. Berger**

13. Annexed to this communication is a list of documents in the approval file deposited at the administrative service having delivered the approval and which can be obtained upon request.
- Application form relating to ECE approval for a pneumatic tyre pursuant to Regulation number 54.
  - The drawing of the tyre's sidewalls, tread and dimensioned cross-section.
  - The test report as mentioned in item 7.

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<sup>(1)</sup> Strike out what does not apply.

<sup>(2)</sup> A list of brand name(s)/trademark(s) or Trade description(s)/ Commercial name(s) may be annexed to this communication.

**IDIADA**

TECHNICAL DOCUMENTATION



CN20070389

**IDIADA**

**APPLICATION FOR APPROVAL OF A TYPE OF PNEUMATIC TYRE ACCORDING TO ECE REGULATION No. 54, 00 SERIES OF AMENDMENTS**

Reason of extension: modify the mold; add new trade mark; add new type designation;

1. Manufacturer's name and address	:LLIT(THAILAND)CO.,LTD. 911/9Moo5,Khaokhansong,Sriracha, Chonburi20110,Thailand	0041179
2. Tyre type designation		
2.1 Brand-name(s)/trademark(s)	:LINGLONG; SHANLING; LEAO; Infinity; Benchmark; ATLAS TIRE; BARKLEY; BENCHMARK; GREEN MAX; XBRI; FINIXX; CROSSWIND; TECHKING; SUMO FIRENZA; FULLMILE; TOMKET; AUPINE; MAXELL; ANEMOI; <u>HUBTRAC</u> ;	
2.2 Trade description(s)/Commercial name(s)	:LTL812; STL812; ATL812; ITL812; BTL812; GRS802; GRS806; XCURVE; AP-200; FX125T; BL203+; ETD100; BL831; CWD10E; GRD802; ETS100; BL221; CWS10E; KTD300; BL833; GRD806; CWD30K; KTS300; BL223; CWS30K; KWS600; BLW12; GWS828; CWS60W; KWD600; BLW18; GWD838; CWD60W; F860; SF860; LF860; BF860; TASK ST; AP-100Φ; TASK DH; DRIVUS-WS; DRIVUS-WD; DRIVUS-S; DRIVUS-D; T-HYBRID D01; AEL2; MAL2; T-HYBRID S01; TOMKET TD2; TOMKET TF2; TOMKET TF1; <u>HIGHWAY S11; HIGHWAY D11;</u> <u>REGIONAL S11; REGIONAL D11</u>	
3. If applicable, name and address of manufacturer's representative	:not applicable	
4. Summarised description,		
4.1. Tyre size designation	:315/70R22.5	
4.2. Category of use	normal/special/snow	
4.3. Structure	diagonal-(bias-ply)/radial	
4.4. Speed category symbol		
4.4.1. Nominal	:L	
4.4.2. Additional (if applicable)	:M	
4.5. Load capacity indices		
4.5.1. corresponding to nominal speed	: single:156, twinned(dual):150	
4.5.2. corresponding to additional speed	: single:154, twinned(dual):150	
5. Overall dimensions		
overall section width	313	
outer diameter	1015	
6. Factor 'x'	0.75	
7. Ply-rating number for diagonal (bias-ply) tyres	Not applicable	
8. Rims on which the tyre can be mounted	:9.75	
9. Measuring rim and test rim	9.00	
10. Tyre class	E2 / C3	
11. State whether the tyre is	tubeless / tube-type	
12. Inflation pressure and index for measuring and testing	see attached test report	
13. Submitted for approval on (date)	Jun. 22 ,2020	

We herewith declare that we have not applied and will not apply for approval with another Contracting Party of the ECE for the same type of product.

MANUFACTURER'S STAMP

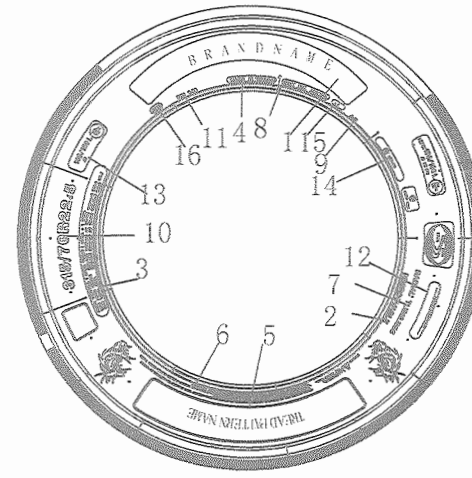
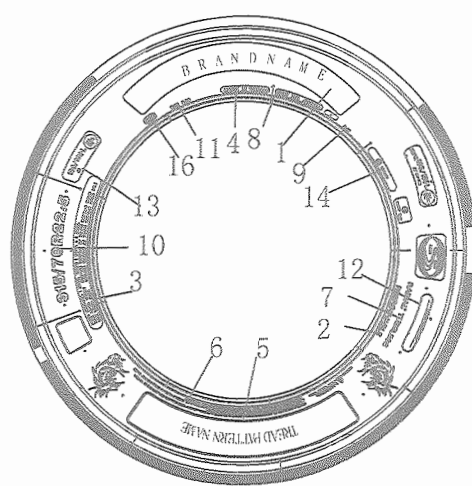
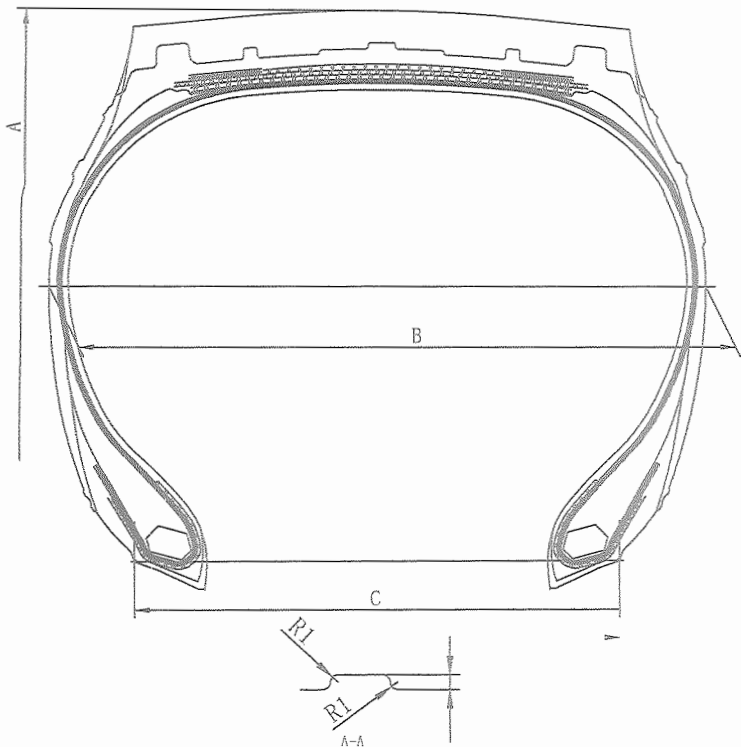
Signature :   
 Name: Ma Xiaogang

THIS APPLICATION IS ACCOMPANIED BY:

- Application form, relating to ECE approval for pneumatic tyre pursuant Regulation No.54
- A drawing of the tyre's side wall, tread and dimensioned cross section.
- The test report.



CN20070389



UPPER MOLD

LOWER MOLD

TREAD PATTERNS

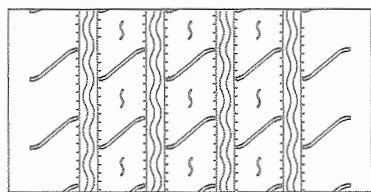


TABLE 1

BRAND NAME	TREAD PATTERN NAME
LINGLONG	LTL812
SHANLING	STL812
LEAO	ATL812
Infinity	ITL812
Benchmark	BTL812
XBRI	XCURVE
FINIXX	FX125T
ATLAS TIRE	AP-200
TOMKET	TOMKET TF1

16	M+S
15	**** (PRODUCTION DATE)
14	(E4) 0041179
13	156/150L (154/150M) AT 900 kPa
12	BRAND TYRE HERE
11	STANDARD RIM 9.00
10	315/70R22.5
9	**** (MOLD NUMBER)
8	DOT...
7	RADIAL TUBELESS
6	WARNING.....
5	PLEASE SEE THE TABLE 1 ON THE LEFT
4	MADE IN THAILAND
3	PLIES:SIDEWALL 1 STEEL TREAD 1 STEEL+3 STEEL MAX LOAD:SINGLE 8820 LBS (4000 kg)AT 130 PSI (900 kPa) COLD LR. J MAX LOAD:DUAL 7385 LBS (3350 kg)AT 130 PSI (900 kPa) COLD
2	REGROOVABLE
1	PLEASE SEE THE TABLE 1 ON THE LEFT
	UPPER MOLD
	LOWER MOLD

315/70R22.5	156/150 (154/150)	L/M	TL	1014	312	228.5
TYRE SIZE	LOAD INDEX	SPEED SYMBOL	TYPE	A (mm)	B (mm)	C (mm)

Approve by:

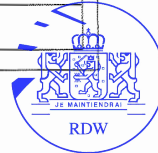
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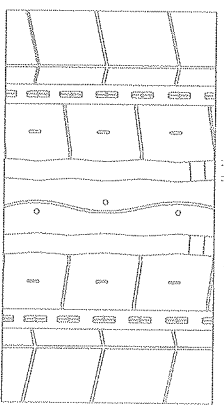
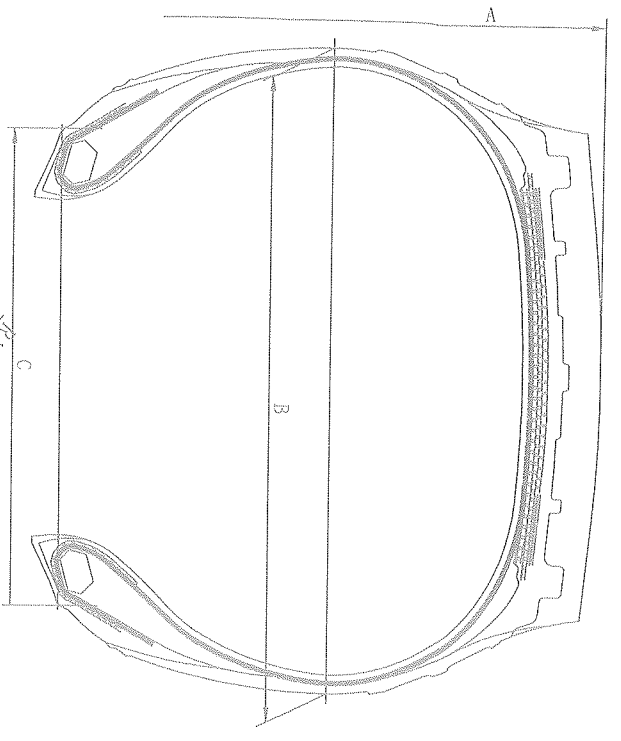
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*Signature*



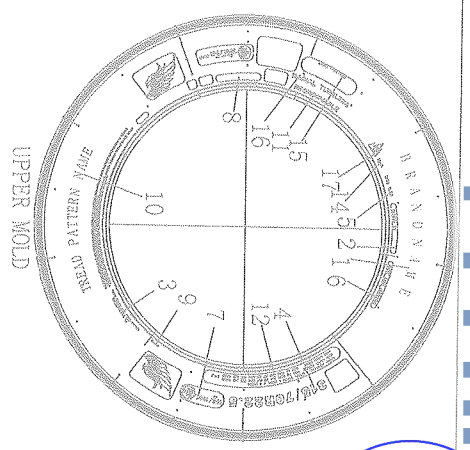
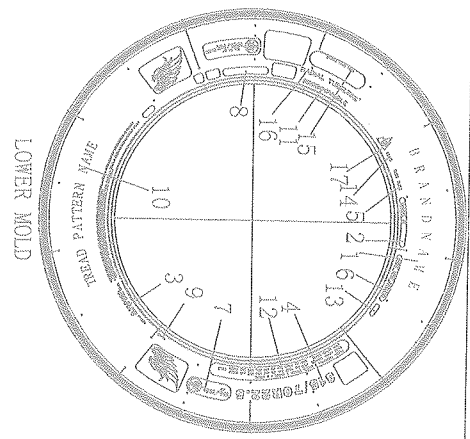
DIADA CN20070389



TREAD PATTERNS

TABLE 1

BRAND NAME	TREAD PATTERN NAME
LINGLONG	KTS300
SHANLING	KTS300
LEAO	KTS300
Infinity	KTS300
BENCHMARK	KTS300
BARKLEY	BI2223
TECHKING	TASK ST
CROSSWIND	CMS30K
GREEN MAX	GRS806
TOMKET	TOMKET TP2



17	▲	RADIAL TUBELESS						
16		BRAND TYRE HERE						
15		M+S						
14		***** (PRODUCTION DATE)						
13		PLIES: 1 STEEL TREAD 1 STEEL+3 STEEL						
12		MAX LOAD: SINGLE 4000 kg (8820 lbs) AT 900 kPa (130 psi) COLD I.R. J						
11		MAX LOAD: DUAL 3350 kg (7385 lbs) AT 900 kPa (130 psi) COLD						
10		REGROOVABLE						
9		PLEASE SEE THE TABLE 1 ON THE LEFT						
8		***** (MOLD NUMBER)						
7		E4 0041179						
6		156/150L <sup>154</sup> / <sub>150</sub> AT 900 kPa						
5		DOT ....						
4		RIM 9.00						
3		315/70R22.5						
2		WARNING:...						
1		MADE IN THAILAND						
		PLEASE SEE THE TABLE 1 ON THE LEFT						
		LOWER MOLD						
		UPPER MOLD						
		315/70R22.5	156/150L <sup>154</sup> / <sub>150</sub>	L M <sup>154</sup> / <sub>150</sub>	TL	1014	312	228.5
		TYRE SIZE	LOAD INDEX	SPEED SYMBOL	TYPE	A (mm)	B (mm)	C (mm)

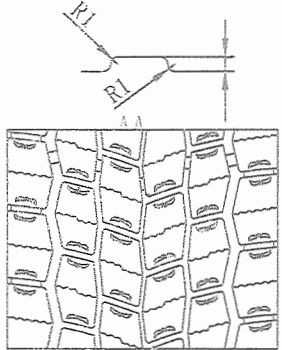
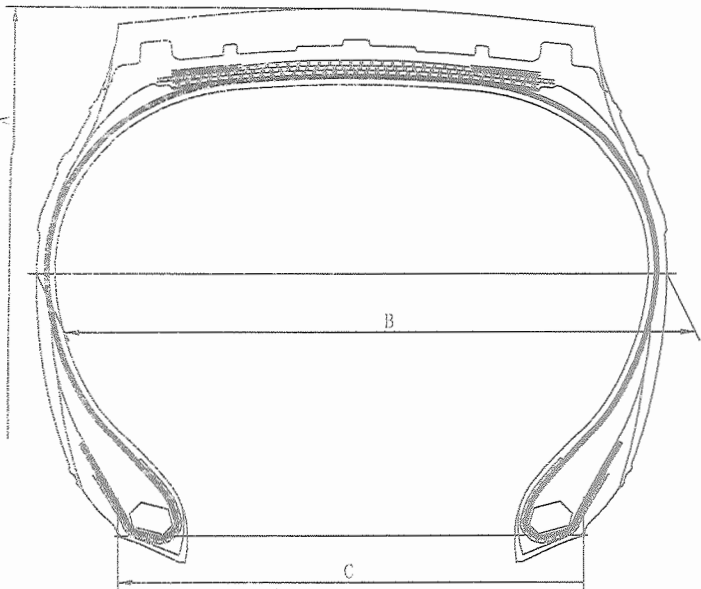
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Check by:

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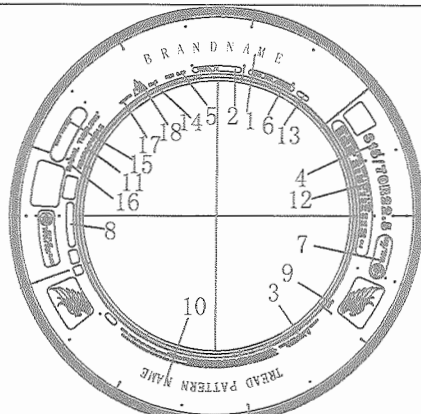
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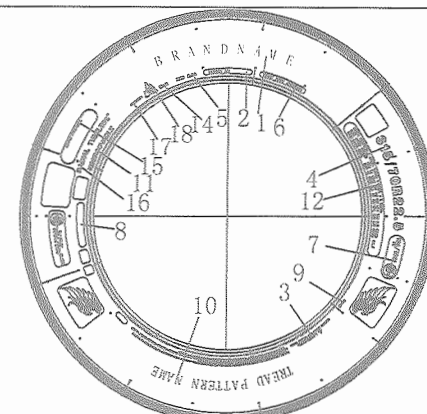
TREAD PATTERNS

TABLE 1

BRAND NAME	TREAD PATTERN NAME
LINGLONG	KTD300
SHANLING	KTD300
LEAO	KTD300
Infinity	KTD300
BENCHMARK	KTD300
BARKLEY	BL833
TECHKING	TASK DH
CROSSWIND	CWD30K
TOMKET	TOMKET TD2



LOWER MOLD



UPPER MOLD

18	▲	
17	TRACTION	
16	RADIAL TUBELESS	
15	BRAND TYRE HERE	
14	M+S	
13	**** (PRODUCTION DATE)	
12	PLIES: 1 STEEL TREAD 1 STEEL+3 STEEL MAX LOAD: SINGLE 4090 kg (8820 lbs) AT 900 kPa (130 psi) COLD L.R.J MAX LOAD: DUAL 3350 kg (7385 lbs) AT 900 kPa (130 psi) COLD	
11	REGROOVABLE	
10	PLEASE SEE THE TABLE 1 ON THE LEFT	
9	**** (MOLD NUMBER)	
8	Ⓔ 0041179	
7	156/150L <sup>154</sup> / <sub>150</sub> M AT 900 kPa	
6	DOT ....	
5	RIM 9.00	
4	315/70R22.5	
3	WARNING:...	
2	MADE IN THAILAND	
1	PLEASE SEE THE TABLE 1 ON THE LEFT	
	LOWER MOLD	UPPER MOLD

315/70R22.5	156/150 <sup>154</sup> / <sub>150</sub>	L <sup>(M)</sup>	TL	1014	312	228.5
TYRE SIZE	LOAD INDEX	SPEED SYMBOL	TYPE	A (mm)	B (mm)	C (mm)

Approve by:

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Check by:

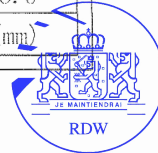
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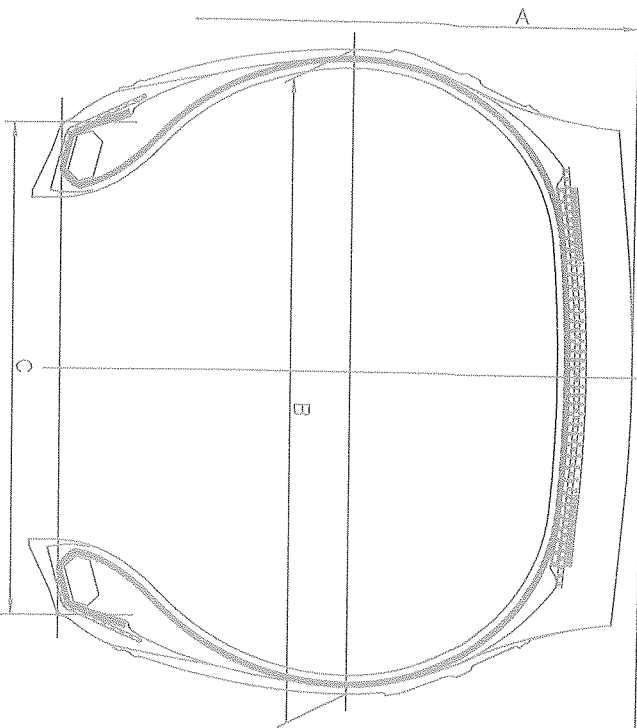
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TREAD PATTERNS

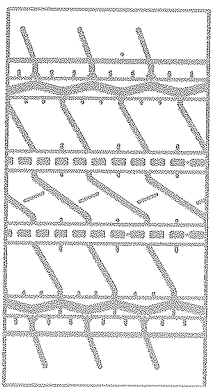
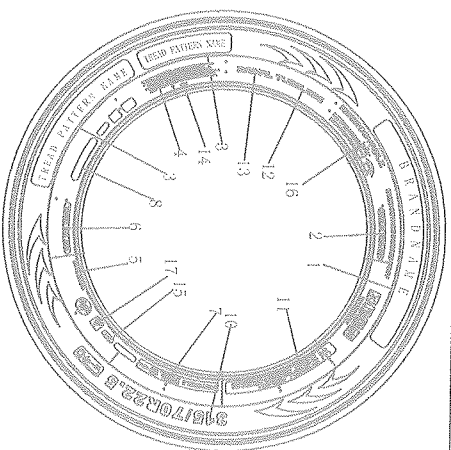
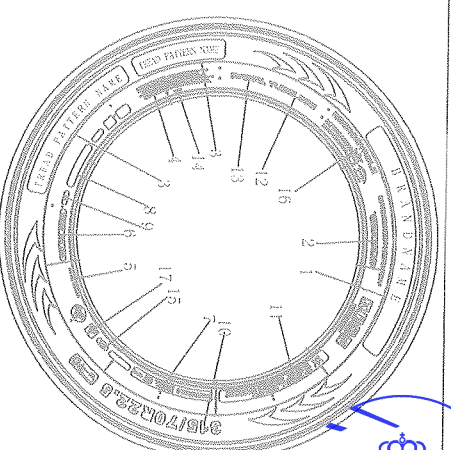


TABLE 1

BRAND NAME	TREAD PATTERN NAME
AUFINE	ABL2
MAXWELL	MAL2
ANEMOI	ABL2



UPPER MOLD



LOWER MOLD

17						
16	REGROOVABLE					
15	M+S					
14	**** (MOLD NUMBER)					
13	RADIAL					
12	TUBELESS					
11	L.R. J PILES: TREAD STEEL 4 SIDEWALL STEEL 1 18PR MAX LOAD: SINGLE 4000 kg (8820lbs) AT 900 kPa (130 psi) COLD MAX LOAD: DUAL 3350 kg (7390lbs) AT 900 kPa (130 psi) COLD					
10	315/70R22.5					
9				**** (PRODUCTION DATE)		
8	E4 0041179					
7	156/150L AT 900 kPa (154M) 18PR (150M)					
6	DOT...					
5	STANDARD RIM 9.00					
4	WARNING.....					
3	PLEASE SEE THE TABLE 1 ON THE LEFT					
2	MADE IN THAILAND					
1	PLEASE SEE THE TABLE 1 ON THE LEFT					
	UPPER MOLD					LOWER MOLD

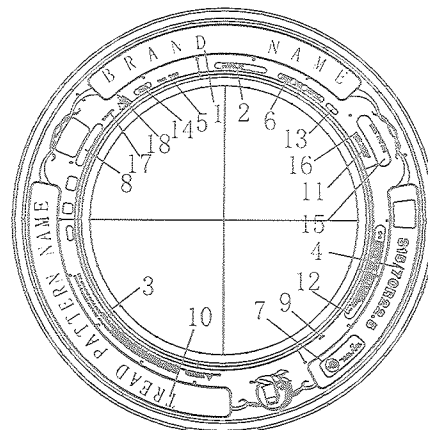
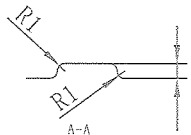
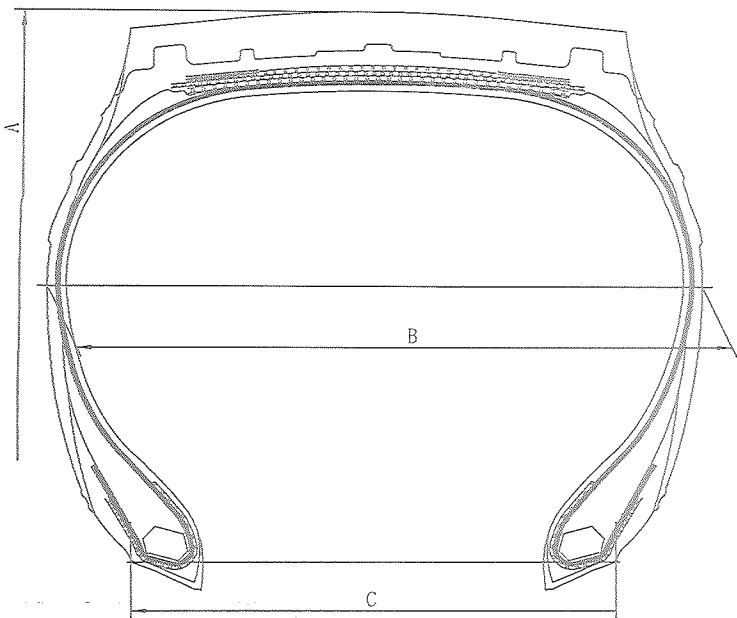
315/70R22.5	156/150 (154M) (150M)	L (M)	TL	1014	312	228.5
TYRE SIZE	LOAD INDEX	SPEED SYMBOL	TYPE	A (mm)	B (mm)	C (mm)

Approve by:

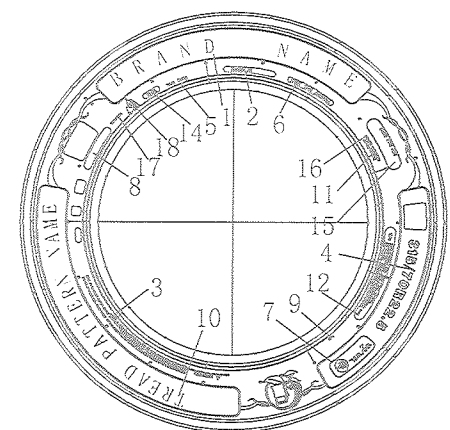
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LOWER MOLD



UPPER MOLD

TREAD PATTERNS

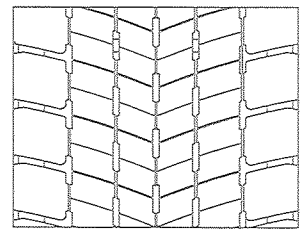


TABLE 1

BRAND NAME	TREAD PATTERN NAME
LINGLONG	ETD100
SHANLING	ETD100
LEAO	ETD100
Infinity	ETD100
BENCHMARK	ETD100
BARKLEY	BL831
GREEN MAX	GRD802
CROSSWIND	CWD10E
SUMO FIRENZA	DRIVUS-D

18		
17	TRACTION	
16	RADIAL TUBELESS	
15	BRAND TYRE HERE	
14	M+S	
13	**** (PRODUCTION DATE)	
12	PLIES: 1 STEEL TREAD 1 STEEL+3 STEEL 18PR MAX LOAD: SINGLE 4000 kg (8820 lbs) AT 900 kPa (130 psi) COLD LR.J MAX LOAD: DUAL 3350 kg (7385 lbs) AT 900 kPa (130 psi) COLD	
11	REGROOVABLE	
10	PLEASE SEE THE TABLE 1 ON THE LEFT	
9	**** (MOLD NUMBER)	
8	Ⓟ 0041179	
7	156/150L Ⓟ <sup>154</sup> / <sub>150</sub> M AT 900 kPa	
6	DOT ....	
5	RIM 9.00	
4	315/70R22.5	
3	WARNING:...	
2	MADE IN THAILAND	
1	PLEASE SEE THE TABLE 1 ON THE LEFT	
	LOWER MOLD	UPPER MOLD

315/70R22.5	156/150 Ⓟ <sup>154</sup> / <sub>150</sub>	L M	TL	1014	312	228.5
TYRE SIZE	LOAD INDEX	SPEED SYMBOL	TYPE	A (mm)	B (mm)	C (mm)

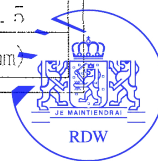
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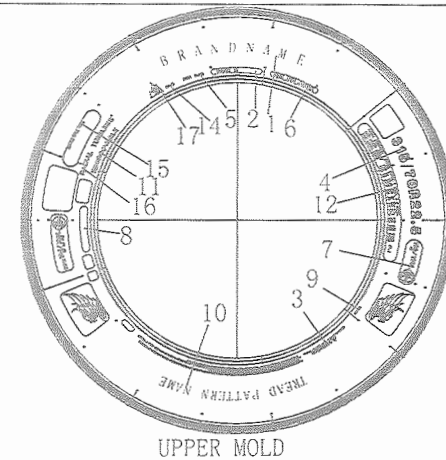
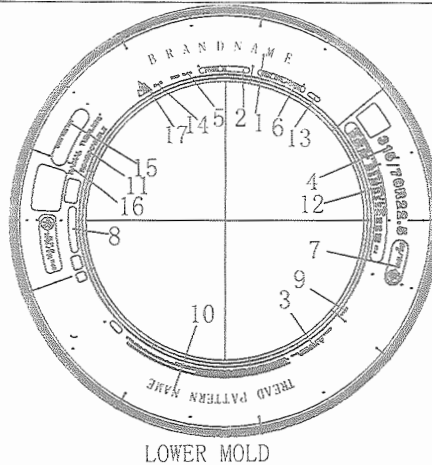
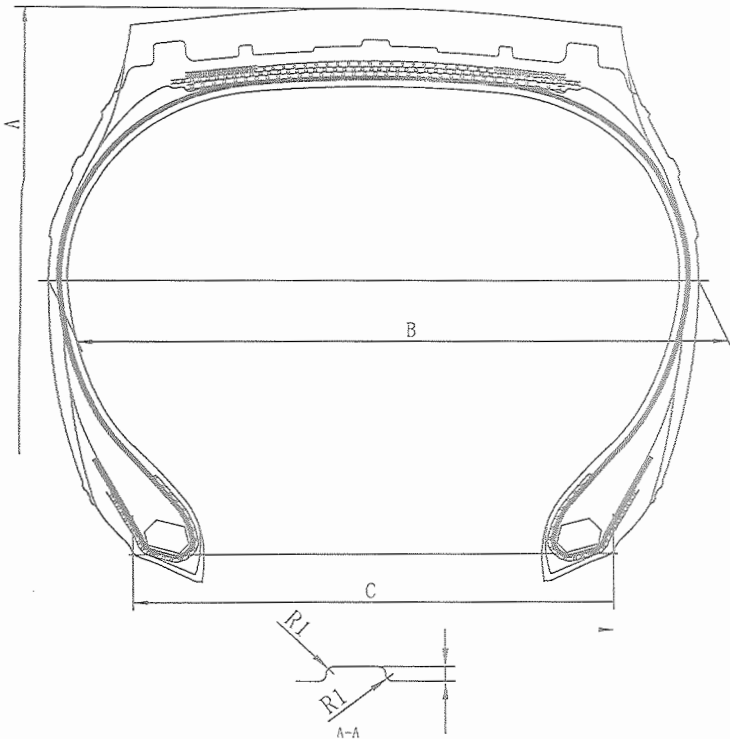
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TREAD PATTERNS

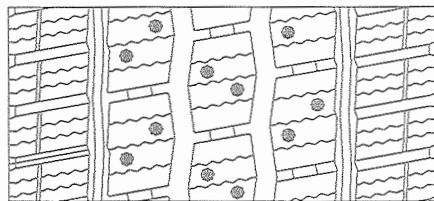


TABLE 1

BRAND NAME	TREAD PATTERN NAME
LINGLONG	KWS600
SHANLING	KWS600
LEAO	KWS600
Infinity	KWS600
BENCHMARK	KWS600
BARKLEY	BLW12
SUMO FIRENZA	DRIVUS-WS
CROSSWIND	CWS60W

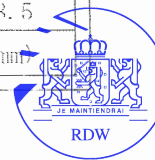
17	
16	RADIAL TUBELESS
15	BRAND TYRE HERE
14	M+S
13	**** (PRODUCTION DATE)
12	PLIES:1 STEEL TREAD 1 STEEL+3 STEEL MAX LOAD: SINGLE 4000 kg (8820 lbs) AT 900 kPa (130 psi) COLD L.R. J MAX LOAD: DUAL 3350 kg (7385 lbs) AT 900 kPa (130 psi) COLD
11	REGROOVABLE
10	PLEASE SEE THE TABLE 1 ON THE LEFT
9	**** (MOLD NUMBER)
8	0041179
7	156/150L  M AT 900 kPa
6	DOT ....
5	RIM 9.00
4	315/70R22.5
3	WARNING:...
2	MADE IN THAILAND
1	PLEASE SEE THE TABLE 1 ON THE LEFT
LOWER MOLD	
UPPER MOLD	

315/70R22.5	156/150	L	TL	1014	312	228.5
TYRE SIZE	LOAD INDEX	SPEED SYMBOL	TYPE	A (mm)	B (mm)	C (mm)

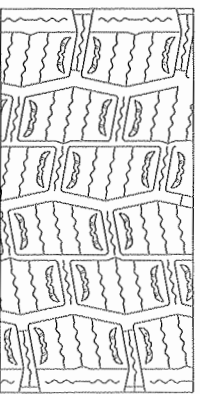
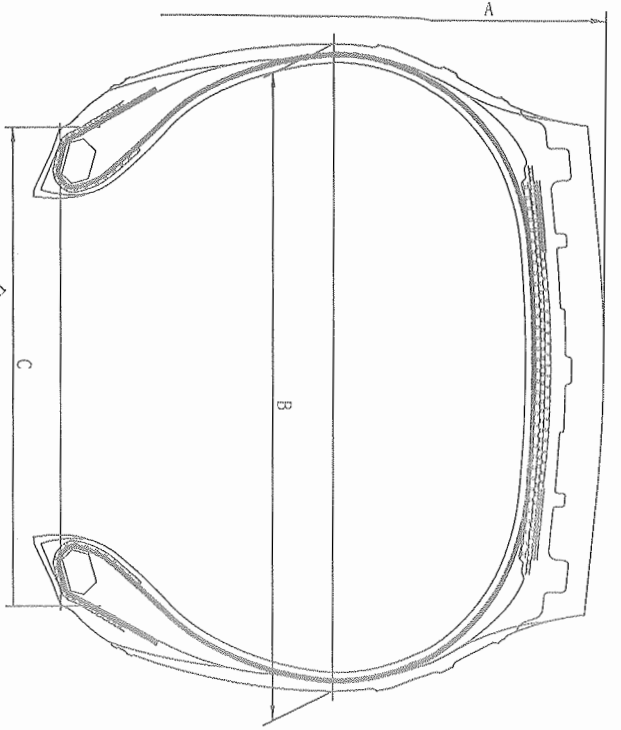
Approve by:

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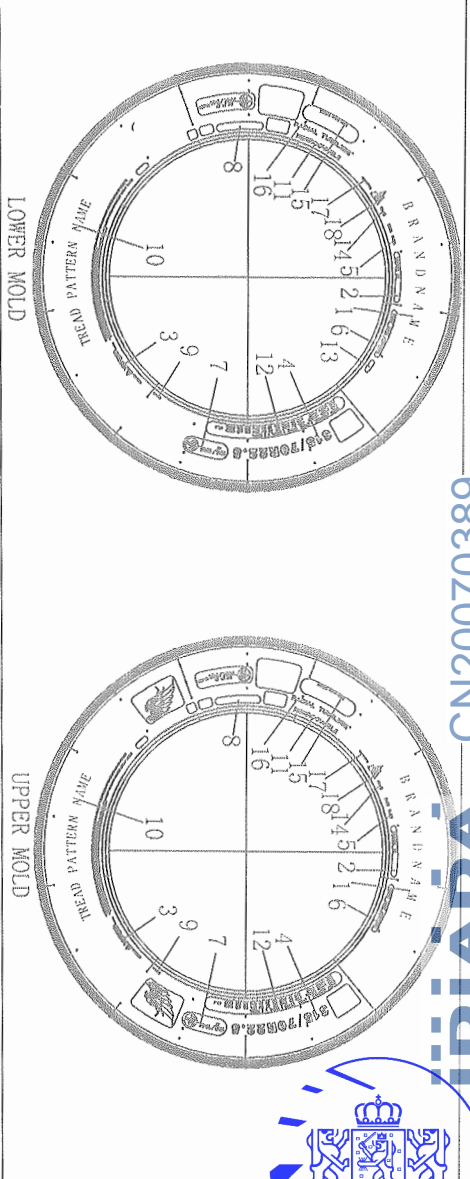
iDiADA CN20070389



TREAD PATTERNS

TABLE 1

BRAND NAME	TREAD PATTERN NAME
LINGLONG	KWD600
SHANLING	KWD600
LEAO	KWD600
Infinity	KWD600
BENCHMARK	KWD600
BARKLEY	BLW18
SUMO FIREENZA	DRIVUS-WD
CROSSWIND	CWD60W



18	TRACTION	
17	RADIAL TUBELESS	
16	BRAND TYRE HERE	
15	M+S	
14	**** (PRODUCTION DATE)	
13	PLIES: 1 STEEL TREAD 1 STEEL+3 STEEL	
12	MAX LOAD: SINGLE 4000 kg (8820 lbs) AT 900 kPa (130 psi) COLD 1R, J	
11	MAX LOAD: DUAL 3350 kg (7385 lbs) AT 900 kPa (130 psi) COLD	
10	REGROOVABLE	
9	PLEASE SEE THE TABLE 1 ON THE LEFT	
8	**** (MOLD NUMBER)	
7	E4 0041179	
6	156/150L $\begin{matrix} 154 \\ 150 \end{matrix}$ M AT 900 kPa	
5	DOT .....	
4	RIM 9.00	
3	315/70R22.5	
2	WARNING:...	
1	MADE IN THAILAND	
	PLEASE SEE THE TABLE 1 ON THE LEFT	
	LOWER MOLD	UPPER MOLD

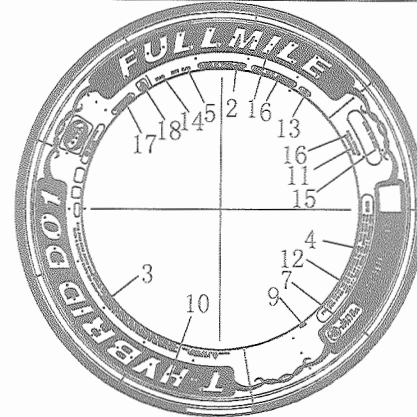
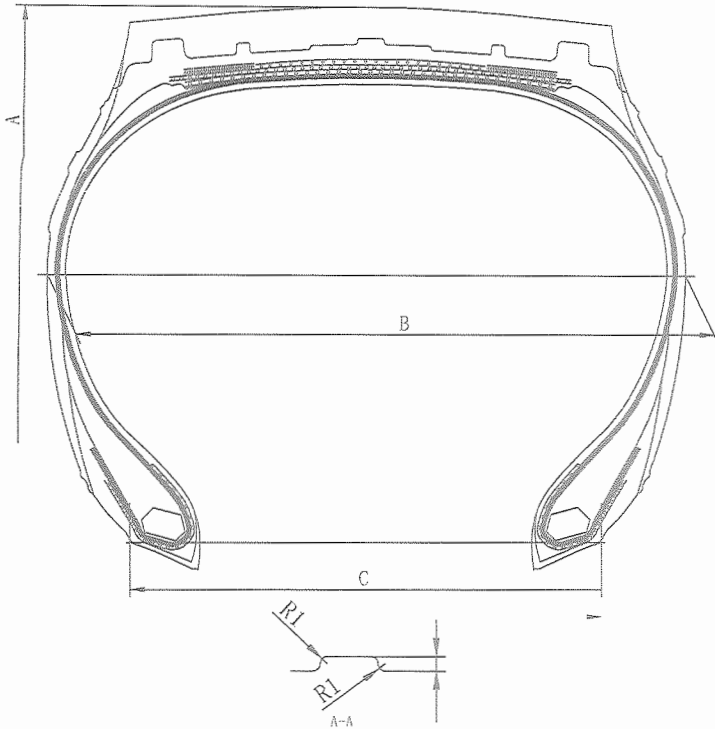
TYRE SIZE	LOAD INDEX	SPEED SYMBOL	TYPE	A (mm)	B (mm)	C (mm)
315/70R22.5	156/150 $\begin{matrix} 154 \\ 150 \end{matrix}$	1 $\begin{matrix} M \\ 150 \end{matrix}$	TL	1014	312	228.5

Approve by:

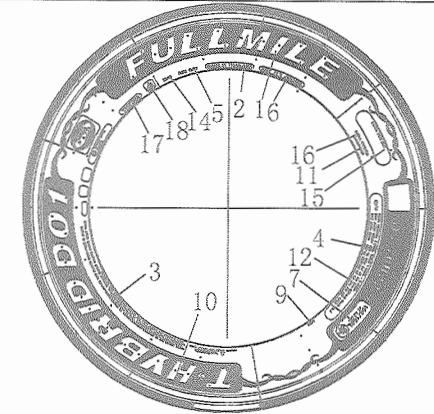
Check by:

Draft by:





LOWER MOLD



UPPER MOLD

TREAD PATTERNS

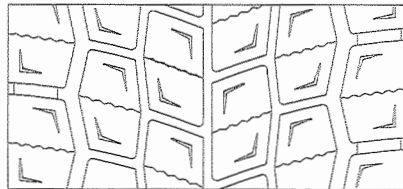


TABLE 1

BRAND NAME	TREAD PATTERN NAME
FULLMILE	T-HYBRID D01

18	
17	TRACTION
16	RADIAL TUBELESS
15	BRAND TYRE HERE
14	M+S
13	**** (PRODUCTION DATE)
12	PLIES: 1 STEEL TREAD 1 STEEL+3 STEEL 8PR MAX LOAD: SINGLE 4000 kg (8820 lbs) AT 900 kPa (130 psi) COLD LR. J MAX LOAD: DUAL 3350 kg (7385 lbs) AT 900 kPa (130 psi) COLD
11	REGROOVABLE
10	PLEASE SEE THE TABLE 1 ON THE LEFT
9	**** (MOLD NUMBER)
8	(E4) 0041179
7	156/150L (154/150M) AT 900 kPa
6	DOT ....
5	RIM 9.00
4	315/70R22.5
3	WARNING:...
2	MADE IN THAILAND
1	PLEASE SEE THE TABLE 1 ON THE LEFT
LOWER MOLD	
UPPER MOLD	

315/70R22.5	156/150 (154/150)	L (M)	TL	1014	312	228.5
TYRE SIZE	LOAD INDEX	SPEED SYMBOL	TYPE	A (mm)	B (mm)	C (mm)

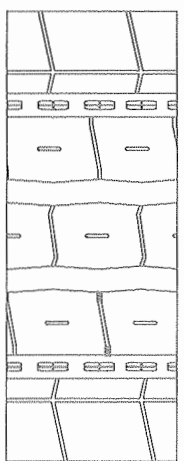
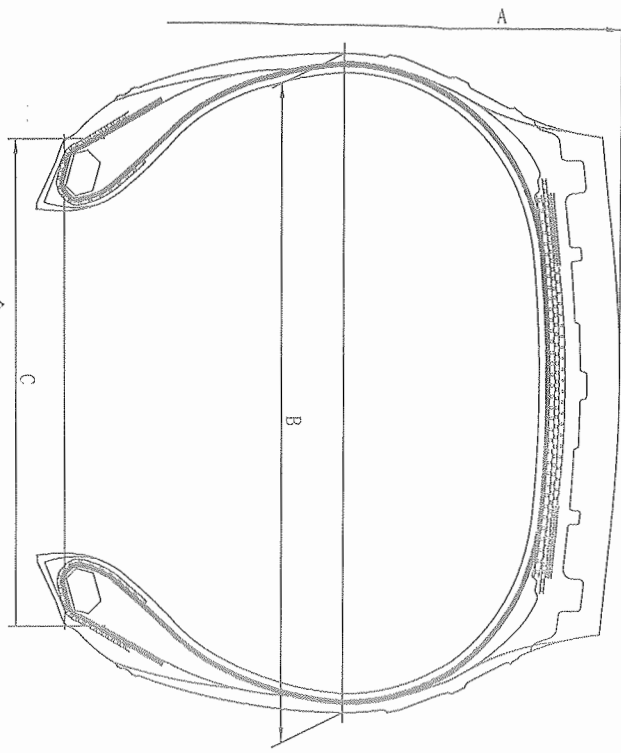
Approve by:

Check by:

Draft by:

iDiADA CN20070389

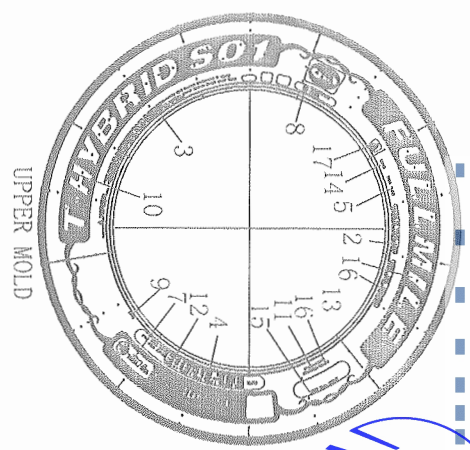
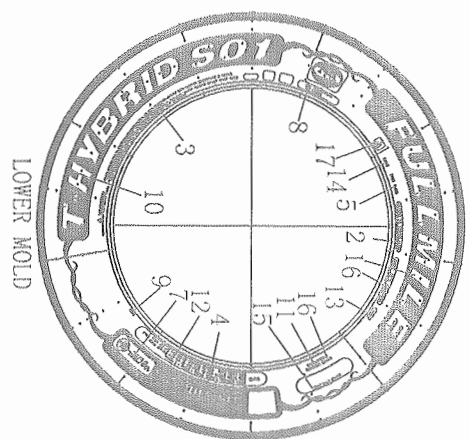




TREAD PATTERNS

TABLE 1

BRAND NAME	TREAD PATTERN NAME
FULLMILE	T-HYBRID S01



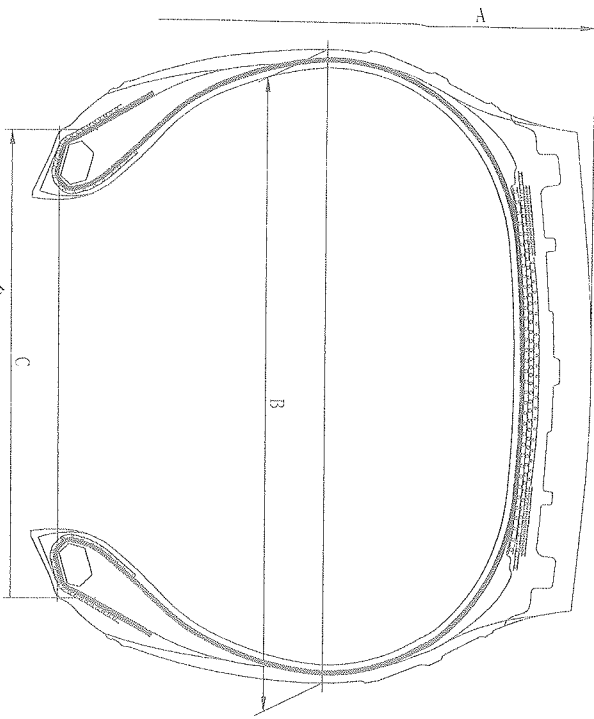
17		RADIAL TUBELESS					
16		BRAND TYRE HERE					
15		M+S					
14		***** (PRODUCTION DATE)					
13		PLIES: 1 STEEL TREAD 1 STEEL+3 STEEL					
12		18PR MAX LOAD: SINGLE 4000 kg (8820 lbs) AT 900 kPa (130 psi) COLD LR J					
11		MAX LOAD: DUAL 3350 kg (7385 lbs) AT 900 kPa (130 psi) COLD					
10		REGROOVABLE					
9		PLEASE SEE THE TABLE 1 ON THE LEFT					
8		***** (MOLD NUMBER)					
7		E4 0041179					
6		156/150L 154M AT 900 kPa					
5		DOT ....					
4		RIM 9.00					
3		315/70R22.5					
2		WARNING:...					
1		MADE IN THAILAND					
		PLEASE SEE THE TABLE 1 ON THE LEFT					
		LOWER MOLD					
		UPPER MOLD					

315/70R22.5	156/150(154) 150	L (M) 150	TL	1014	312	228.5
TYRE SIZE	LOAD INDEX	SPEED SYMBOL	TYPE	A (mm)	B (mm)	C (mm)

Approve by:

Check by:

Draft by:



TREAD PATTERNS

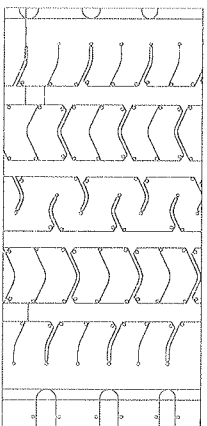
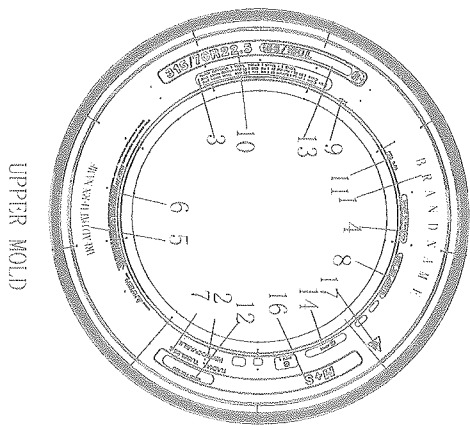


TABLE 1

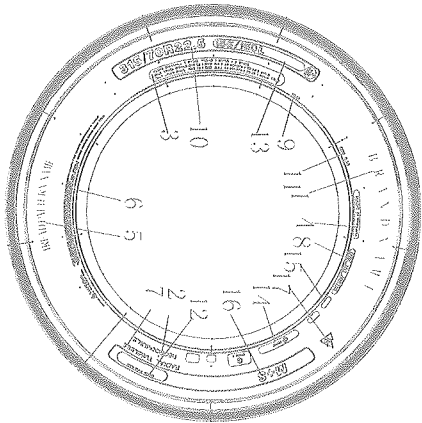
BRAND NAME	TREAD PATTERN NAME
BARKLEY	BL203+

Approve by:

*[Handwritten signature]*



UPPER MOLD



LOWER MOLD

17					
16	M+S				
15				***** (PRODUCTION DATE)	
14		0041179			
13	156/150 L 900 kPa				
12	BRAND TYRE HERE				
11	RIM 9.00				
10	315/70R22.5				
9	***** (MOLD NUMBER)				
8	DOT...				
7	RADIAL, TUBELESS				
6	WARNING.....				
5	PLEASE SEE THE TABLE 1 ON THE LEFT				
4	MADE IN THAILAND				
3	PLIES: SIDEWALL 1 STEEL TREAD 1 STEEL 13 STEEL MAX LOAD: SINGLE 4000 kg (8820 lbs) AT 900 kPa (130 psi) COILD I.R.J MAX LOAD: DUAL 3350 kg (7385 lbs) AT 900 kPa (130 psi) COILD				
2	REGROOVABLE				
1	PLEASE SEE THE TABLE 1 ON THE LEFT				
	UPPER MOLD				LOWER MOLD

TYRE SIZE	LOAD INDEX	SPEED SYMBOL	TYRE TYPE	A (mm)	B (mm)	C (mm)
315/70R22.5	154 156/150	L/M	TL	1014	312	228.5

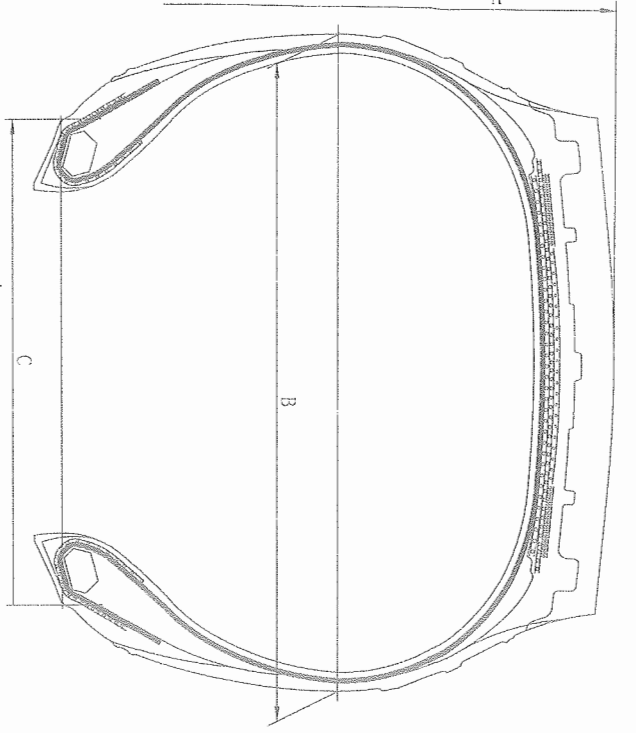
Check by:

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TREAD PATTERNS

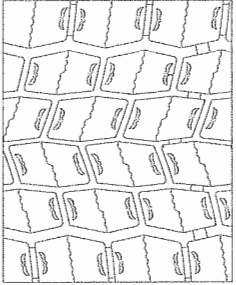
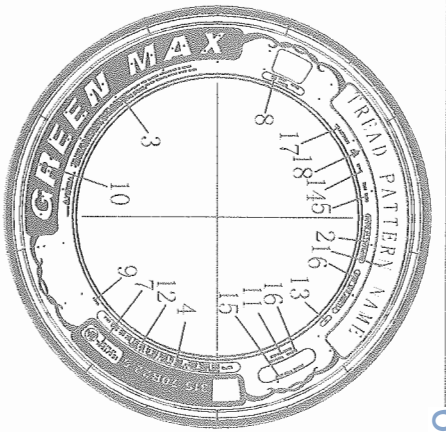
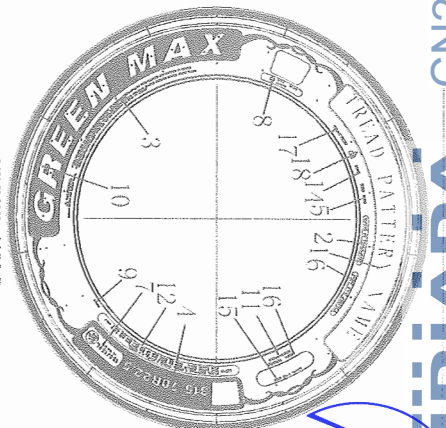


TABLE 1	
BRAND NAME	TREAD PATTERN NAME
GREEN MAX	GRD806



LOWER MOLD



UPPER MOLD

18	TRACTION							
17	RADIAL TUBELESS							
15	BRAND TYRE HERE							
14	M+S							
13	**** (PRODUCTION DATE)							
12	PLIES: 1 STEEL TREAD 1 STEEL+3 STEEL MAX LOAD: SINGLE 4000 kg (8820 lbs) AT 900 kPa (130 psi) COLD I.R. J MAX LOAD: DUAL 3350 kg (7385 lbs) AT 900 kPa (130 psi) COLD							
11	REGROOVABLE							
10	PLEASE SEE THE TABLE 1 ON THE LEFT							
9	**** (MOLD NUMBER)							
8	E4 0041179							
7	156/150L <sup>154</sup> <sub>150</sub> AT 900 kPa							
6	DOT . . . .							
5	RIM 9.00							
4	315/70R22.5							
3	WARNING: . . .							
2	MADE IN THAILAND							
1	PLEASE SEE THE TABLE 1 ON THE LEFT							
		LOWER MOLD	UPPER MOLD					
315/70R22.5	156/150 <sup>154</sup> <sub>150</sub>	L <sup>M</sup>	TL	1014	312	228.5		
TYRE SIZE	LOAD INDEX	SPEED SYMBOL	TYRE TYPE	A (mm)	B (mm)	C (mm)		

Approve by:

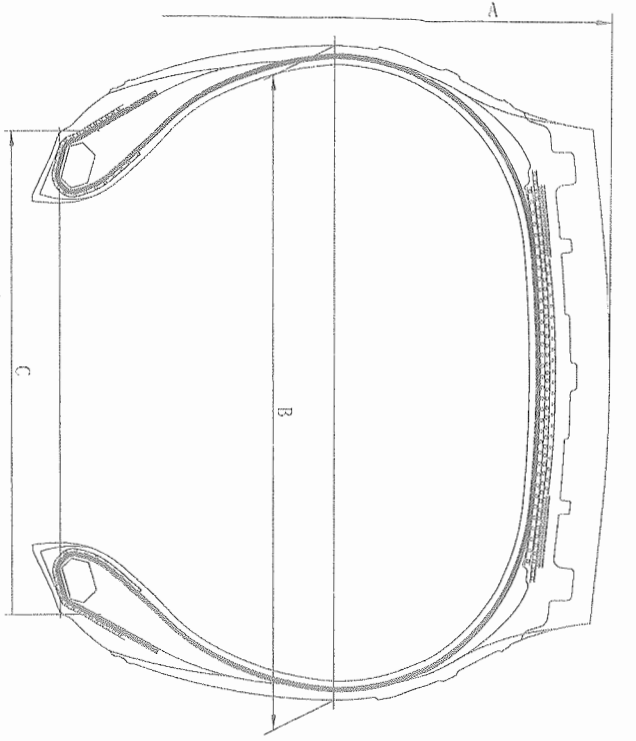
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TREAD PATTERNS

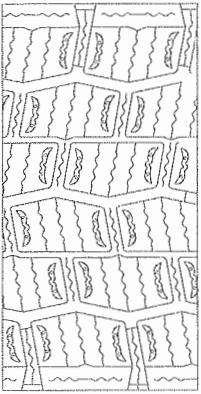
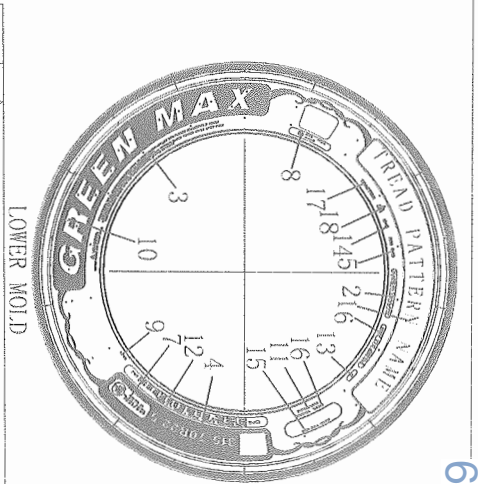
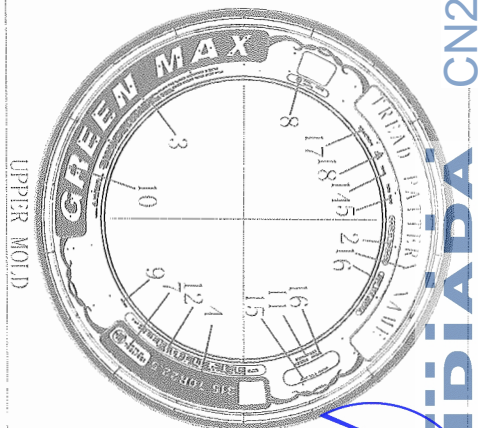


TABLE 1

BRAND NAME	TREAD PATTERN NAME
GREEN MAX	GWD838



LOWER MOLD



UPPER MOLD

18	TRACTION					
17	RADIAL TUBELESS					
16	BRAND TYRE HERE					
15	M+S					
14	**** (PRODUCTION DATE)					
13	PLIES: 1 STEEL TREAD 1 STEEL+3 STEEL MAX LOAD: SINGLE 4000 kg (8820 lbs) AT 900 kPa (130 psi) COILD I.R. J MAX LOAD: DUAL 3350 kg (7385 lbs) AT 900 kPa (130 psi) COILD					
12	REGROOVABLE					
11	PLEASE SEE THE TABLE 1 ON THE LEFT					
10	**** (MOLD NUMBER)					
9	②4 00A1179					
8	156/150L ①54M AT 900 kPa					
7	DOT ....					
6	RIM 9.00					
5	315/70R22.5					
4	WARNING:...					
3	MADE IN THAILAND					
2	PLEASE SEE THE TABLE 1 ON THE LEFT					
1	LOWER MOLD					UPPER MOLD

TYRE SIZE	LOAD INDEX	SPEED SYMBOl.	TYPE	A (mm)	B (mm)	C (mm)
315/70R22.5	156/150 ①54	L ①M	TL	1014	312	228.5

Approve by:

*[Signature]*

Check by:

*[Signature]*

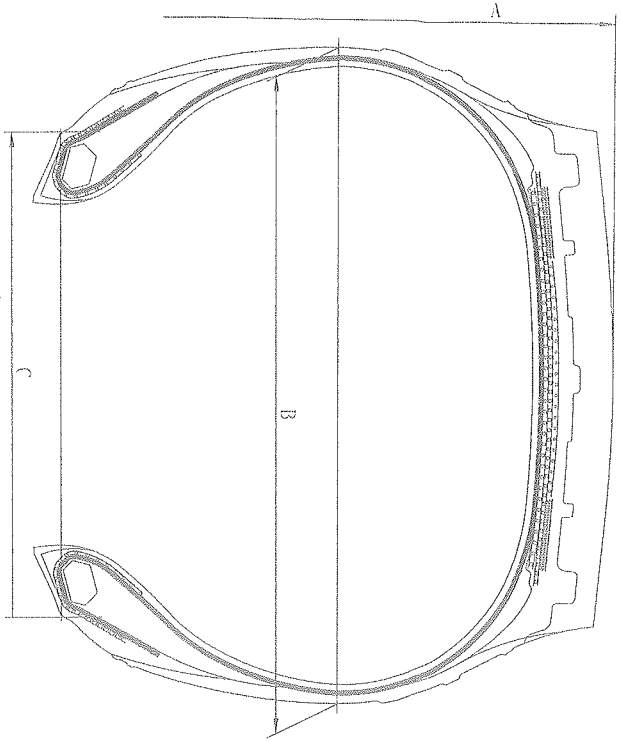
Draft by:

*[Signature]*

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YIPIDA





TREAD PATTERNS

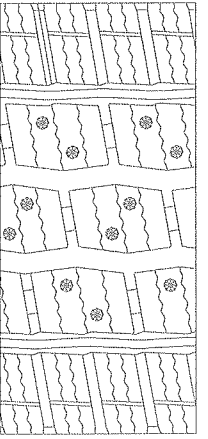
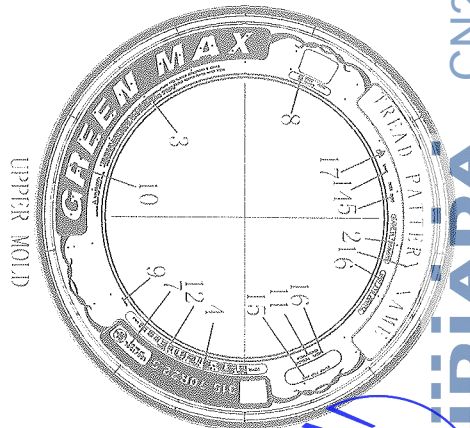
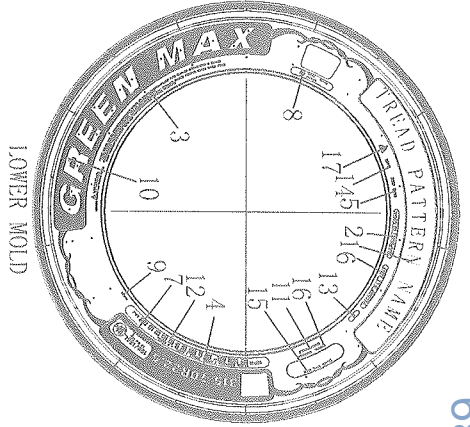


TABLE 1	
BRAND NAME	TREAD PATTERN NAME
GREEN MAX	GWS828



17	RADIAL, TUBELESS
16	BRAND TYRE HERE
15	M+S
14	**** (PRODUCTION DATE)
13	PILES: 1 STEEL TREAD 1 STEEL+3 STEEL 18PR MAX LOAD: SINGLE 4000 kg (8820 lbs) AT 900 kPa (130 psi) COLD L.R. 1 MAX LOAD: DUAL 3350 kg (7385 lbs) AT 900 kPa (130 psi) COLD
12	REGROOVABLE
11	PLEASE SEE THE TABLE 1 ON THE LEFT
10	**** (MOLD NUMBER)
9	E4 0041179
8	156/150L <sup>154</sup> M AT 900 kPa
7	DOT ....
6	RIM 9.00
5	WARNING:...
4	MADE IN THAILAND
3	PLEASE SEE THE TABLE 1 ON THE LEFT
2	LOWER MOLD
1	UPPER MOLD

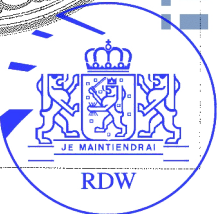
315/70R22.5	156/150 <sup>154</sup> M	1.0 M	TL	1014	312	228.5
TYRE SIZE	LOAD INDEX	SPEED SYMBOL	TYPE	A (mm)	B (mm)	C (mm)

Approve by: *S. J. Wong*

Check by: *李利平*

Draft by: *李利平*

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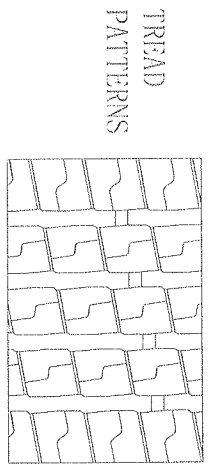
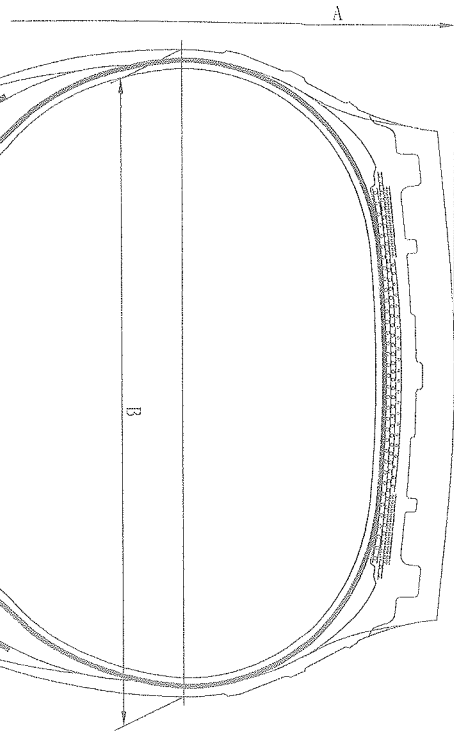
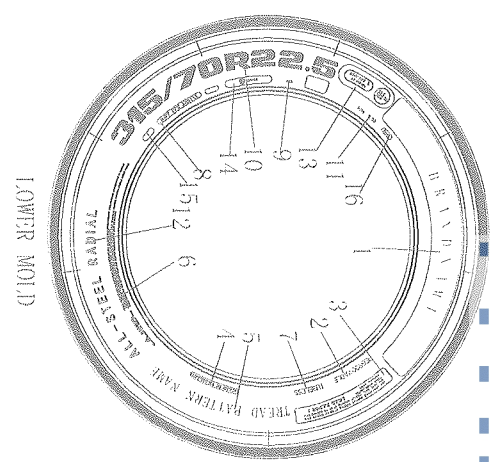
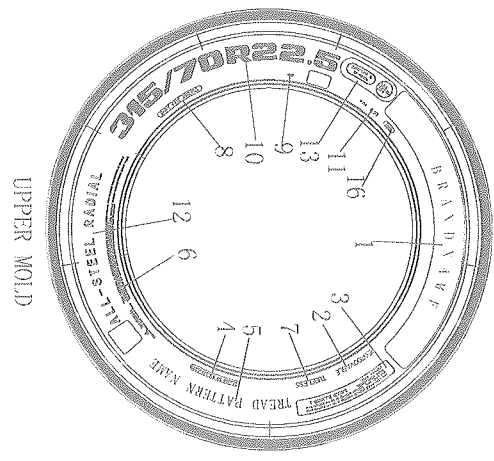


TABLE 1

BRAND NAME	TREAD PATTERN NAME
LINGLONG	F860
SHANLING	F860; SF860
LEAO	F860; LF860
Infinity	F860
Benchmark	F860; BF860
ATLAS TIRE	AP-100®

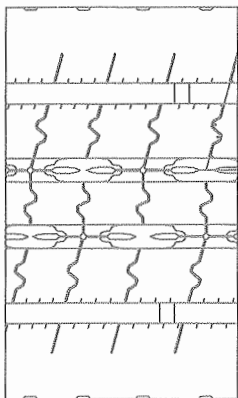
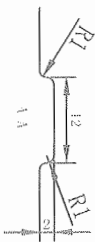
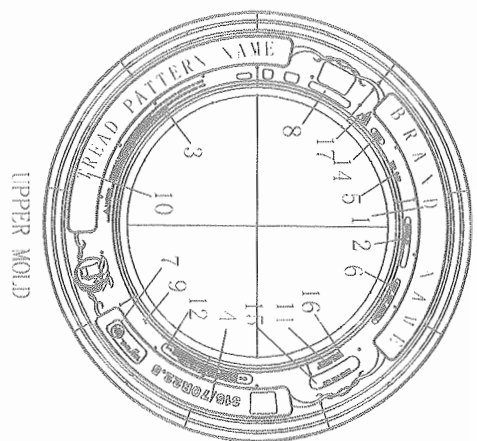
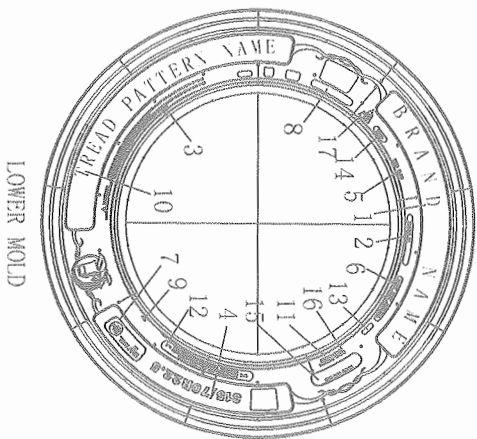
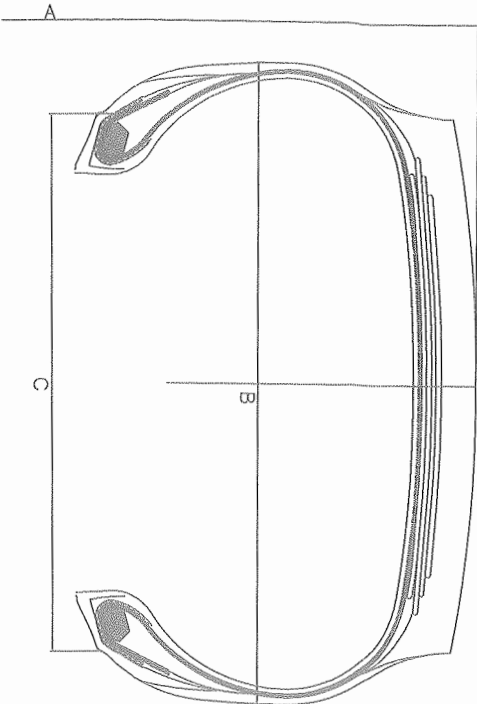


16	M+S						
15				**** (PRODUCTION DATE)			
14				(P) 00/1179			
13	156/150 L AT 900 kPa	(154/150)					
12	ALL-STEEL RADIAL						
11	RIM 9.00						
10	315/70R22.5						
9	**** (MOLD NUMBER)						
8	DOT...						
7	TUBELESS						
6	WARNING.....						
5	PLEASE SEE THE TABLE 1 ON THE LEFT						
4	MADE IN THAILAND						
3	MAX LOAD: SINGLE 8820 LBS (4000 kg) AT 130 PSI (900 kPa) COLD MAX LOAD: DUAL 7385 LBS (3350 kg) AT 130 PSI (900 kPa) COLD TREAD 1 STEEL: 3 STEEL SIDEWALL 1 STEEL						
2	REGROOVABLE						
1	PLEASE SEE THE TABLE 1 ON THE LEFT						
	UPPER MOLD					LOWER MOLD	
	315/70R22.5	156/150 (154/150)	L/M	TL	1014	312	228.5
	TYRE SIZE	LOAD INDEX	SPEED SYMBOL	TYPE	A (mm)	B (mm)	C (mm)

Approve by:

Check by:




Draft by:






TREAD PATTERNS

TABLE 1

BRAND NAME	TREAD PATTERN NAME
LINGLONG	ETS100
SHANLING	ETS100
LEAO	ETS100
Infinity	ETS100
BENCHMARK	ETS100
BARKLEY	BL221
CROSSWIND	CWS10E
SUMO FIRENZA	DRIVUS-S
GREEN MAX	GRS802

17	 RADIAL, TUBELESS
16	BRAND TYRE HERE
15	M+S
14	***** (PRODUCTION DATE)
13	PLIES: 1 STEEL TREAD 1 STEEL+4 STEEL
12	8PR MAX LOAD: SINGLE 4000 kg (8820 lbs) AT 900 kPa (130 psi) COLD I.R. J
	MAX LOAD: DUAL 3350 kg (7385 lbs) AT 900 kPa (130 psi) COLD
11	REGROOVABLE
10	PLEASE SEE THE TABLE 1 ON THE LEFT
9	***** (MOLD NUMBER)
8	 0041179
7	156/150L  AT 900 kPa
6	DOT ....
5	RIM 9.00
4	315/70R22.5
3	WARNING:...
2	MADE IN THAILAND
1	PLEASE SEE THE TABLE 1 ON THE LEFT

TYRE SIZE	LOAD INDEX	 	TYL	A (mm)	B (mm)	C (mm)
315/70R22.5	156/150 	L M	TL	1014	312	228.5

Approve by:



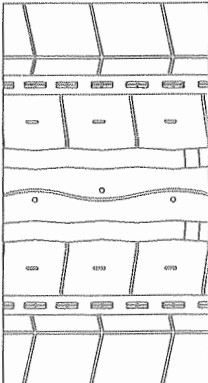
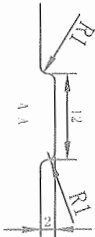
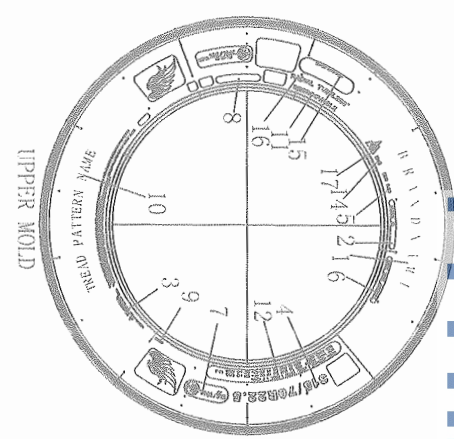
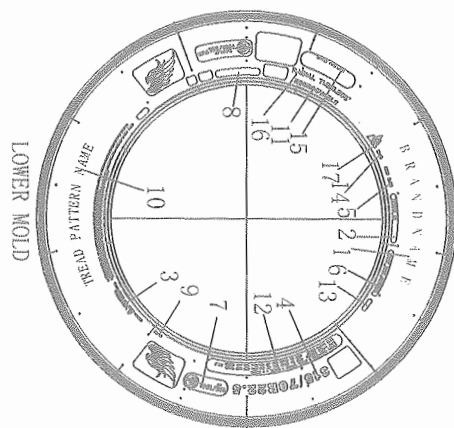
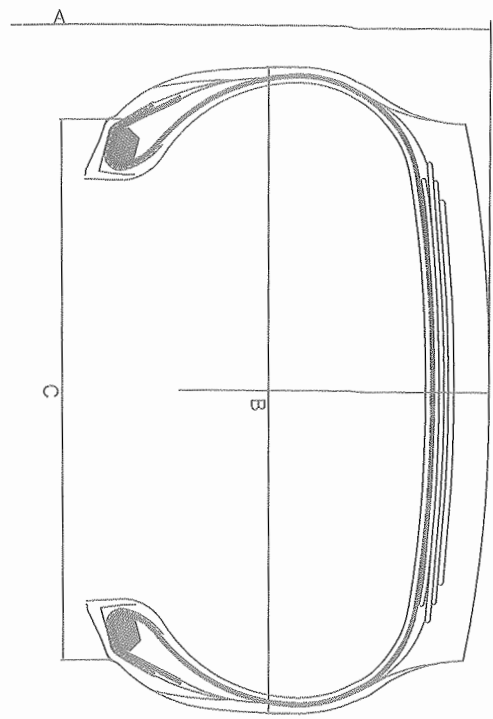
Check by:



Draft by:







TREAD PATTERNS

TABLE 1

BRAND NAME	TREAD PATTERN NAME
LINGLONG	KTS300
SHANLING	KTS300
LEAO	KTS300
Infinity	KTS300
BENCHMARK	KTS300
BARKLEY	BL223
TECHKING	TASK ST
CROSSWIND	CWS30K
GREEN MAX	GRS806
TOMKAT	TOMKAT TP2

17	▲							
16		RADIAL TUBELESS						
15		BRAND TYRE HERE						
14		M+S						
13		***** (PRODUCTION DATE)						
12		PLIES: 4 STEEL TREAD 1 STEEL+4 STEEL MAX LOAD: SINGLE 4000 KG (8820 lbs) AT 900 kPa (130 psi) COLD I.R.1 MAX LOAD: DUAL 3350 KG (7385 lbs) AT 900 kPa (130 psi) COLD						
11		REGROOVABLE						
10		PLEASE SEE THE TABLE 1 ON THE LEFT						
9		***** (MOLD NUMBER)						
8		ⓔ4 0041179						
7		156/150L $\left(\frac{154}{150}M\right)$ AT 900 kPa						
6		DOT .....						
5		RIM 9.00						
4		315/70R22.5						
3		WARNING:...						
2		MADE IN THAILAND						
1		PLEASE SEE THE TABLE 1 ON THE LEFT						
		LOWER MOLD						UPPER MOLD
		315/70R22.5	156/150 $\left(\frac{154}{150}M\right)$	L $\left(\frac{M}{M}\right)$	TL	1014	312	228.5
		TYRE SIZE	LOAD INDEX	SPEED SYMBOL	TYPE	A (mm)	B (mm)	C (mm)

Approve by:

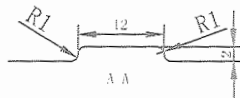
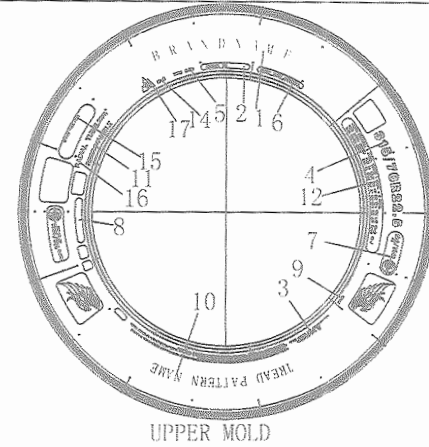
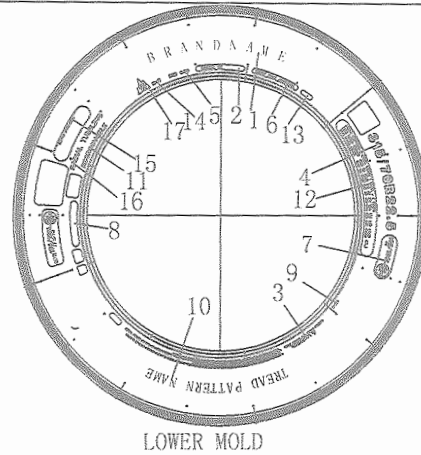
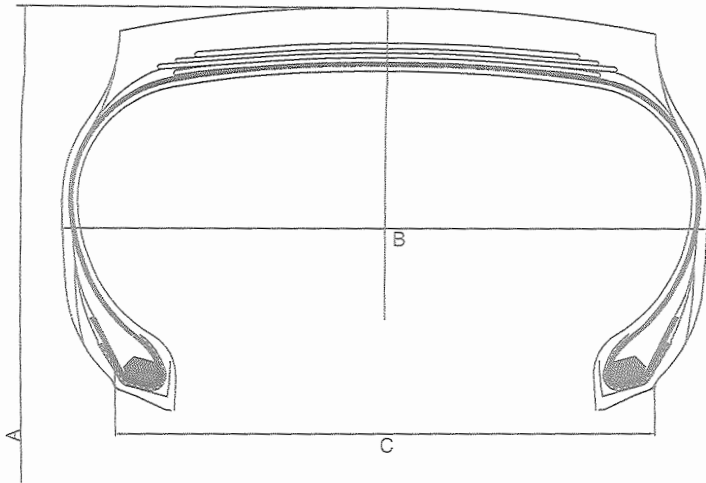
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TREAD PATTERNS

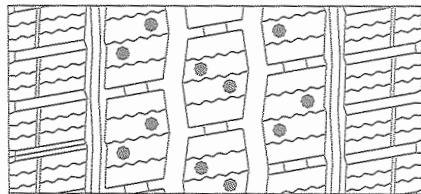


TABLE 1

BRAND NAME	TREAD PATTERN NAME
LINGLONG	KWS600
SHANLING	KWS600
LEAO	KWS600
Infinity	KWS600
BENCHMARK	KWS600
BARKLEY	BLW12
SUMO FIRENZA	DRIVUS-WS
CROSSWIND	CWS60W

17	▲	
16	RADIAL TUBELESS	
15	BRAND TYRE HERE	
14	M+S	
13	**** (PRODUCTION DATE)	
12	PLYS: 1 STEEL TREAD 1 STEEL+4 STEEL MAX LOAD: SINGLE 4000 kg (8820 lbs) AT 900 kPa (130 psi) COLD L.R. J MAX LOAD: DUAL 3350 kg (7385 lbs) AT 900 kPa (130 psi) COLD	
11	REGROOVABLE	
10	PLEASE SEE THE TABLE 1 ON THE LEFT	
9	**** (MOLD NUMBER)	
8	E4 0041179	
7	156/150L (154/150M) AT 900 kPa	
6	DOT ....	
5	RIM 9.00	
4	315/70R22.5	
3	WARNING:...	
2	MADE IN THAILAND	
1	PLEASE SEE THE TABLE 1 ON THE LEFT	
	LOWER MOLD	UPPER MOLD

315/70R22.5	156/150 (154/150)	L (M)	TL	1014	312	228.5
TYRE SIZE	LOAD INDEX	SPEED SYMBOL	TYPE	A (mm)	B (mm)	C (mm)

Approve by:

王小明

Check by:

张艳

Draft by:

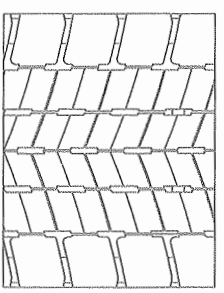
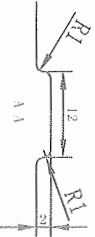
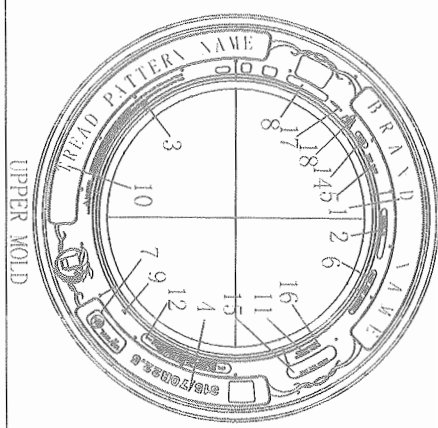
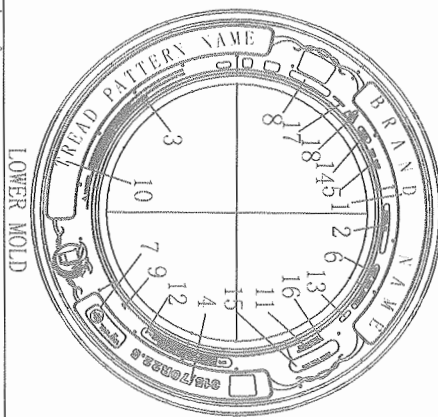
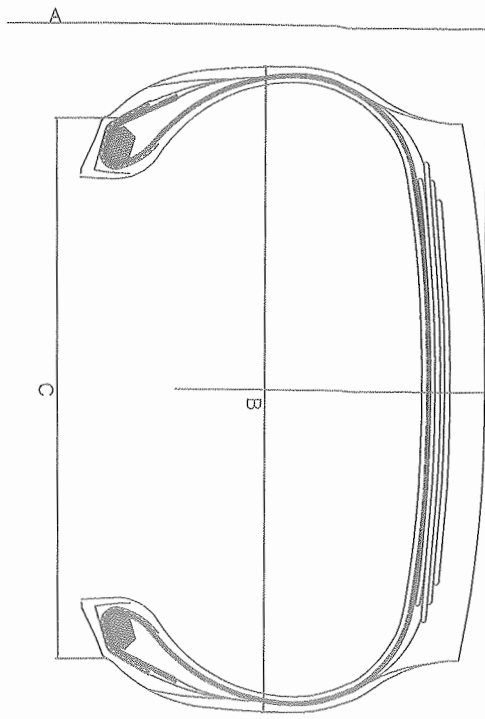
郝洁洁

CN20070389

IDIADA







TREAD PATTERNS

TABLE 1

BRAND NAME	TREAD PATTERN NAME
LINGLONG	ETD100
SHANLING	ETD100
LEAO	ETD100
Infinity	ETD100
BENCHMARK	ETD100
BARKLEY	BL831
GREEN MAX	GRD802
CROSSWIND	CWD10E
SUMO FIRENZA	DRIVUS-D

Approve by:

*[Signature]*

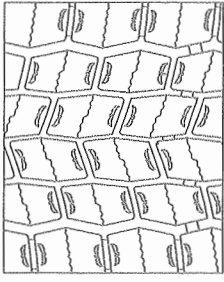
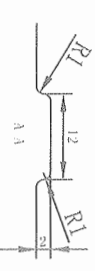
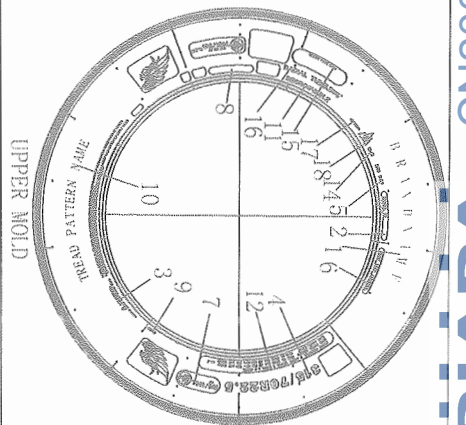
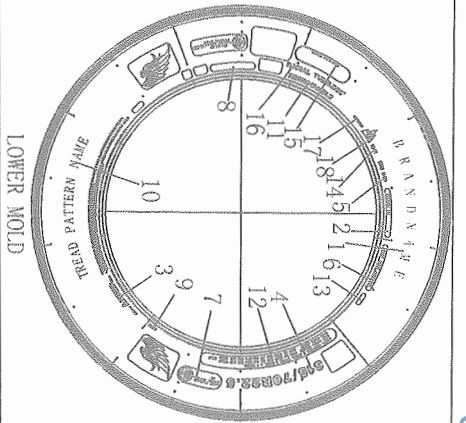
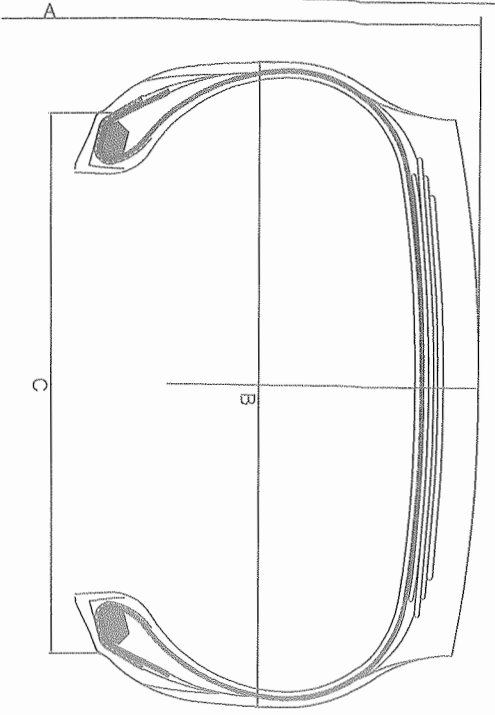
18	TRACTION							
17	RADIAL TUBELESS							
16	BRAND TYRE HERE							
15	M+S							
14	**** (PRODUCTION DATE)							
13	PLIES: 1 STEEL TREAD 1 STEEL+4 STEEL							
12	8PR MAX LOAD: SINGLE 4000 kg (8820 lbs) AT 900 kPa (130 psi) COLL. I.R. J							
11	MAX LOAD: DUAL 3350 kg (7385 lbs) AT 900 kPa (130 psi) COLL.							
10	REGROOVABLE							
9	PLEASE SEE THE TABLE 1 ON THE LEFT							
8	**** (MOLD NUMBER)							
7	(E4)0041179							
6	156/150L (154M/150) AT 900 kPa							
5	DOT ....							
4	RIM 9.00							
3	315/70R22.5							
2	WARNING:...							
1	MADE IN THAILAND							
	PLEASE SEE THE TABLE 1 ON THE LEFT							
	LOWER MOLD							
	UPPER MOLD							
	TYRE SIZE	315/70R22.5	156/150 (154M/150)	L (M)	HL	1014	312	228.5
	LOAD INDEX			STEEL SYMBOL	TYRE TYPE	A (mm)	B (mm)	C (mm)

Check by:

*[Signature]*

Draft by:

*[Signature]*



TREAD PATTERNS

TABLE 1

BRAND NAME	TREAD PATTERN NAME
LINGLONG	KTD300
SHANLING	KTD300
LEAO	KTD300
Infinity	KTD300
BENCHMARK	KTD300
BARKLEY	BL833
TECHKING	TASK DH
CROSSWIND	CWD30K
TOMKET	TOMKET TD2

18		TRACTION				
17		RADIAL TUBELESS				
16		BRAND TYRE HERE				
15		M+S				
14		***** (PRODUCTION DATE)				
13		PLIES: 1 STEEL TREAD 1 STEEL 4 STEEL				
12		MAX LOAD: SINGLE 4000 kg (8820 lbs) AT 900 kPa (130 psi) COLD I.R. J				
		MAX LOAD: DUAL 3350 kg (7385 lbs) AT 900 kPa (130 psi) COLD				
11		REGROOVABLE				
10		PLEASE SEE THE TABLE 1 ON THE LEFT				
9		***** (MOLD NUMBER)				
8		<u>E4</u> 0041179				
7		156/150L <u>154M</u> AT 900 kPa				
6		DOT .....				
5		RIM 9.00				
4		315/70R22.5				
3		WARNING:...				
2		MADE IN THAILAND				
1		PLEASE SEE THE TABLE 1 ON THE LEFT				
		LOWER MOLD				
		UPPER MOLD				
315/70R22.5	156/150 <u>154M</u> <u>150</u>	L <u>M</u>	TL	1014	312	228.5
TYRE SIZE	LOAD INDEX	SPEED SYMBOL	TYPE	A (mm)	B (mm)	C (mm)

Approve by:

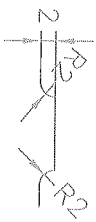
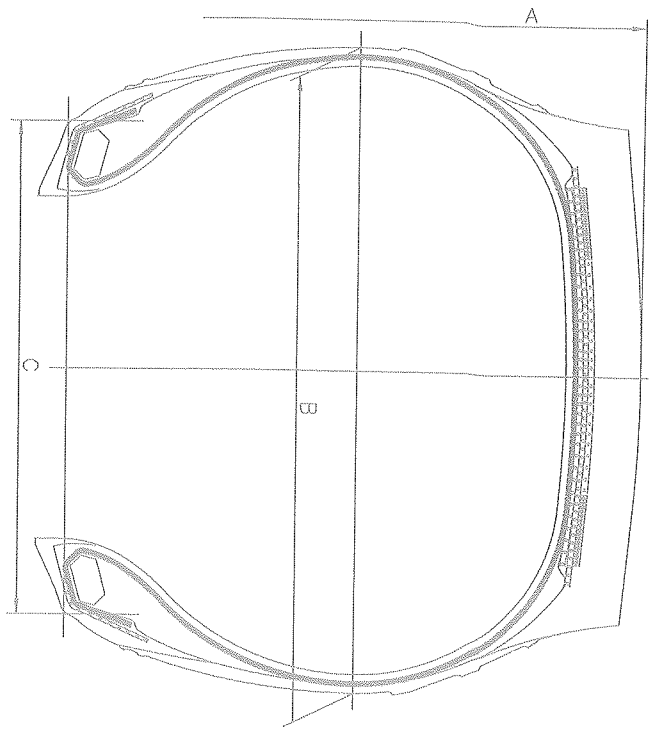
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Check by:

*Handwritten signature*

Draft by:

*Handwritten signature*



TREAD PATTERNS

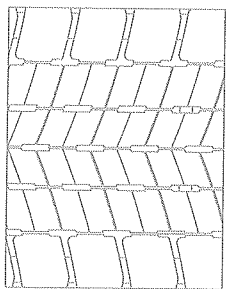
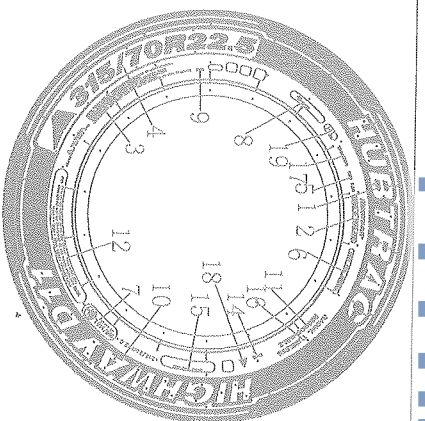
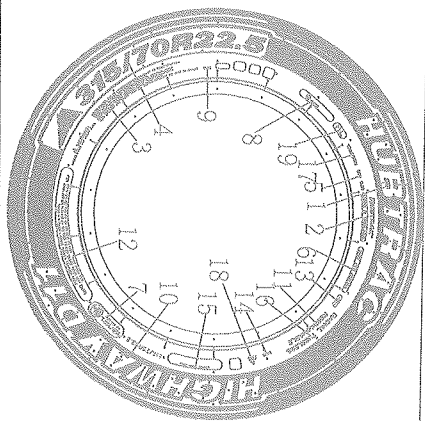


TABLE 1

BRAND NAME	TREAD PATTERN NAME
HUBTRAC	HIGHWAY D11



19	HL					
18	TRACTION					
17	RADIAL TUBELESS					
16	BRAND TYRE HERE					
15	M+S					
14	**** (PRODUCTION DATE)					
13	PLIES: 1 STEEL TREAD 1 STEEL +3 STEEL					
12	18PR MAX LOAD: SINGLE 4000 kg (8820 lbs) AT 900 kPa (130 psi) COLD LR..J					
11	MAX LOAD: DUAL 3350 kg (7385 lbs) AT 900 kPa (130 psi) COLD					
10	REGRROOVABLE					
9	PLEASE SEE THE TABLE 1 ON THE LEFT					
8	***** (MOLD NUMBER)					
7	(E4)0041179					
6	156/150L (154M) AT 900 kPa					
5	DOT .....					
4	RIM 9.00					
3	315/70R22.5					
2	WARNING:...					
1	MADE IN THAILAND					
	PLEASE SEE THE TABLE 1 ON THE LEFT					
	LOWER MOLD					
	UPPER MOLD					

315/70R22.5	156/150 (154M)	L (M)	TL	1014	312	228.5
TYRE SIZE	LOAD INDEX	SPEED SYMBOL	TYPE	A (mm)	B (mm)	C (mm)

Approve by:

*[Signature]*

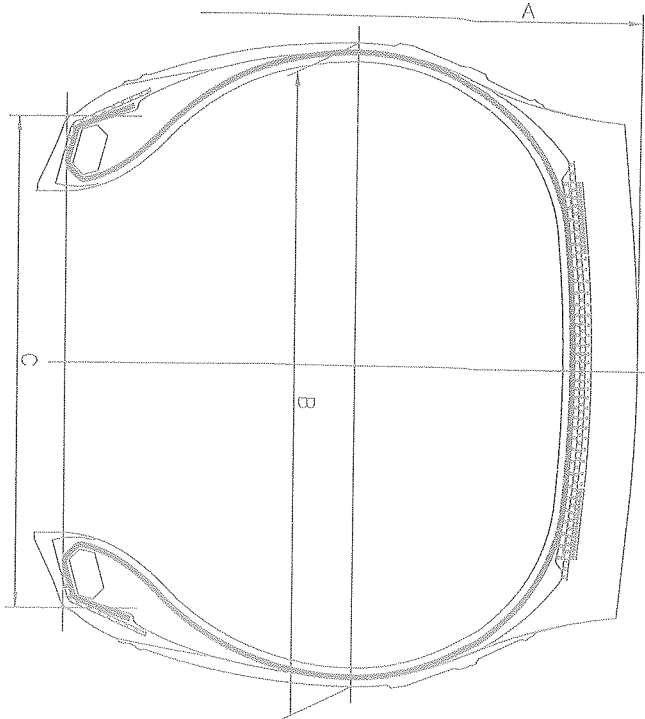
Check by:

*[Signature]*

Draft by:

*[Signature]*





TREAD PATTERNS

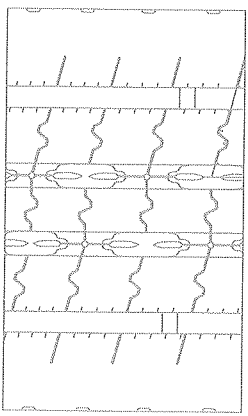
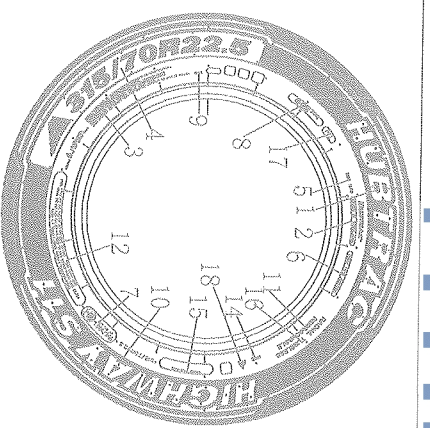
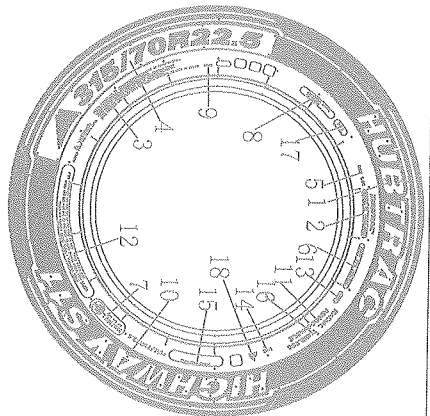


TABLE 1	
BRAND NAME	TREAD PATTERN NAME
HUBTRAC	HIGHWAY S11



18	▲	
17	HL	
16	RADIAL TUBELESS	
15	BRAND TYRE HERE	
14	M+S	
13	***** (PRODUCTION DATE)	
12	PIRES: 1 STEEL TREAD 1 STEEL+3 STEEL 8PR MAX LOAD: SINGLE 4000 kg (8820 lbs) AT 900 kPa (130 psi) COLD L.R. J MAX LOAD: DUAL 3350 kg (7385 lbs) AT 900 kPa (130 psi) COLD	
11	REGROOVABLE	
10	PLEASE SEE THE TABLE 1 ON THE LEFT	
9	**** (MOLD NUMBER)	
8	E4 0041179	
7	156/150L (54/50) AT 900 kPa	
6	DOT .....	
5	RIM 9.00	
4	315/70R22.5	
3	WARNING:...	
2	MADE IN THAILAND	
1	PLEASE SEE THE TABLE 1 ON THE LEFT	
	LOWER MOLD	UPPER MOLD

315/70R22.5	156/150 (54/50)	L (M)	TL	1014	312	228.5
TYRE SIZE	LOAD INDEX	SPEED SYMBOL	TYPE	A (mm)	B (mm)	C (mm)

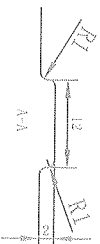
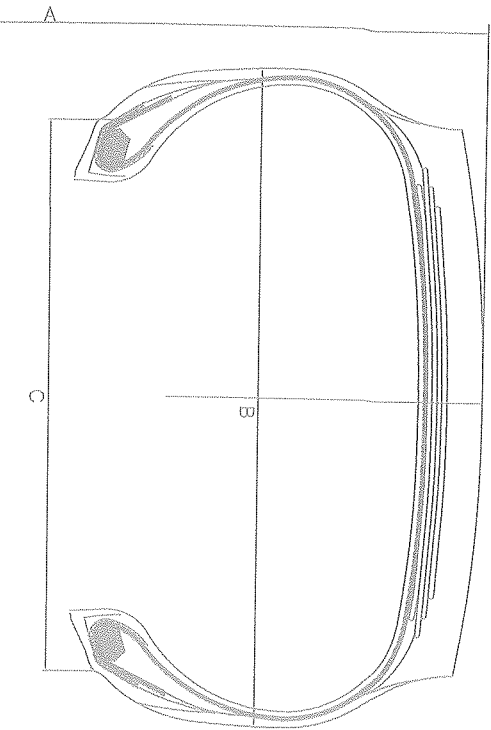
Approve by: *Shiv*

Check by: *张艳*

Draft by: *郝洁洁*

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TREAD PATTERNS

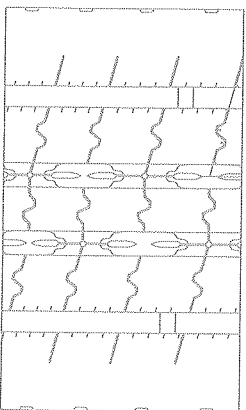
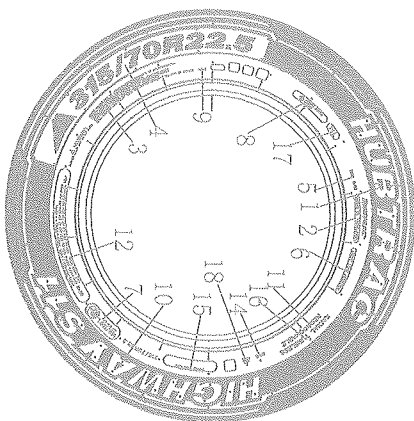
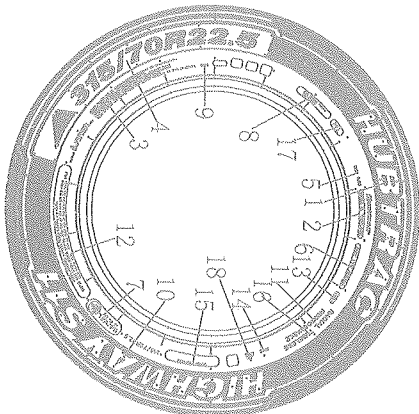


TABLE 1

BRAND NAME	TREAD PATTERN NAME
HUBTRAC	HIGHWAY S11

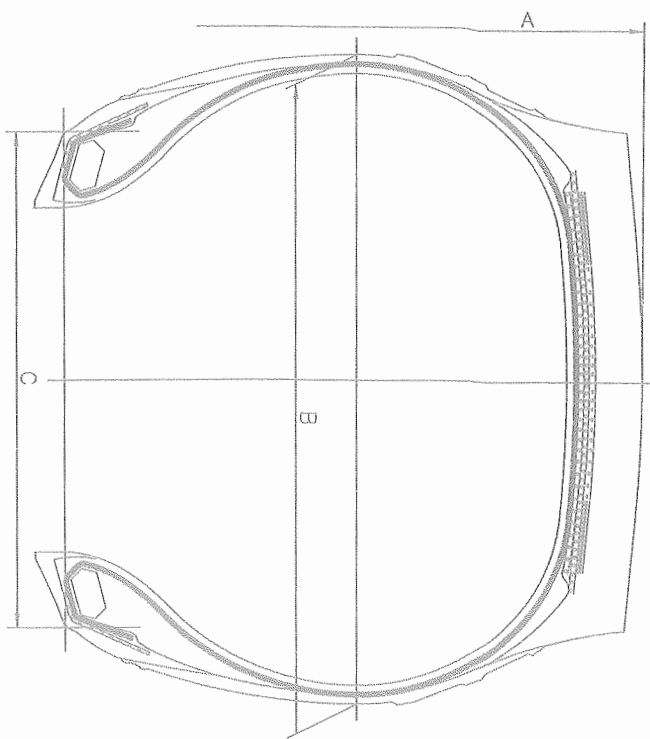


18	HL					
17	RADIAL TUBELESS					
16	BRAND TYRE HERE					
15	M+S					
14	**** (PRODUCTION DATE)					
13	PLIES: 1 STEEL TREAD 1 STEEL+4 STEEL					
12	18PR MAX LOAD: SINGLE 4000 kg (8820 lbs) AT 900 kPa (130 psi) COLD L.R. J					
11	MAX LOAD: DUAL 3350 kg (7385 lbs) AT 900 kPa (130 psi) COLD					
10	REGROOVABLE					
9	PLEASE SEE THE TABLE 1 ON THE LEFT					
8	**** (MOLD NUMBER)					
7	E4 0041179					
6	156/150L AT 900 kPa					
5	DOT ....					
4	RIM 9.00					
3	315/70R22.5					
2	WARNING:...					
1	MADE IN THAILAND					
	PLEASE SEE THE TABLE 1 ON THE LEFT					
	LOWER MOLD					
	UPPER MOLD					
315/70R22.5	156/150L (154) (150)	L (M)	TL	1014	312	228.5
TYRE SIZE	LOAD INDEX	SPEED SYMBOL	TYPE	A (mm)	B (mm)	C (mm)

Approve by: *[Signature]*

Check by: *[Signature]*

Draft by: *[Signature]*



TREAD PATTERNS

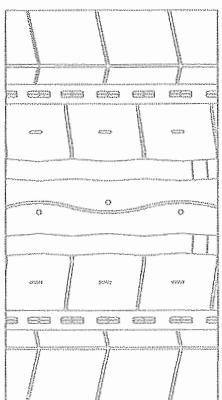
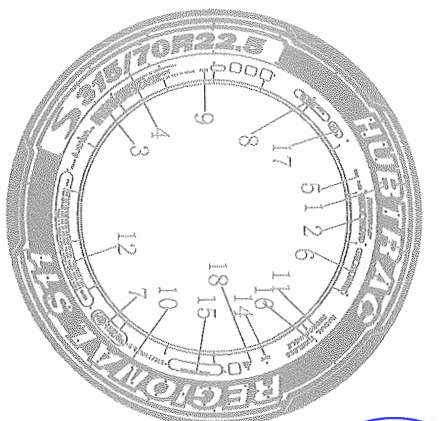
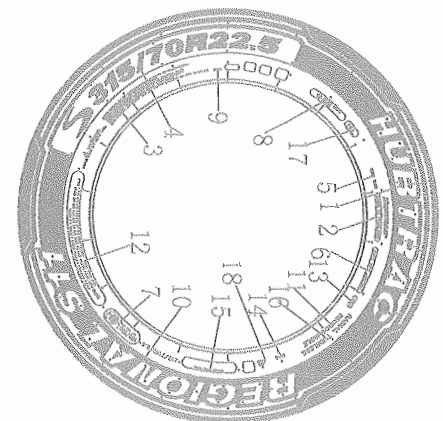


TABLE 1

BRAND NAME	TREAD PATTERN NAME
HUBTRAC	REGIONAL_S11



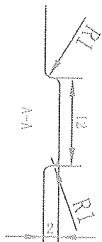
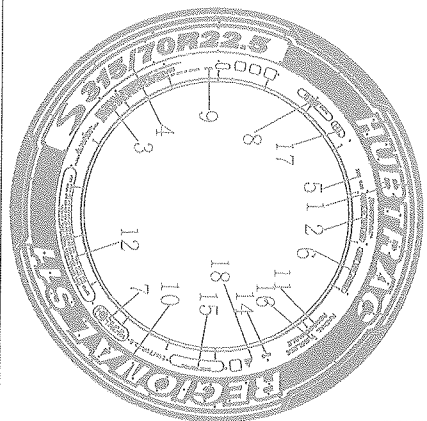
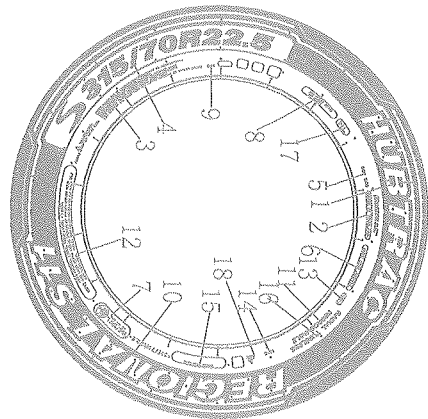
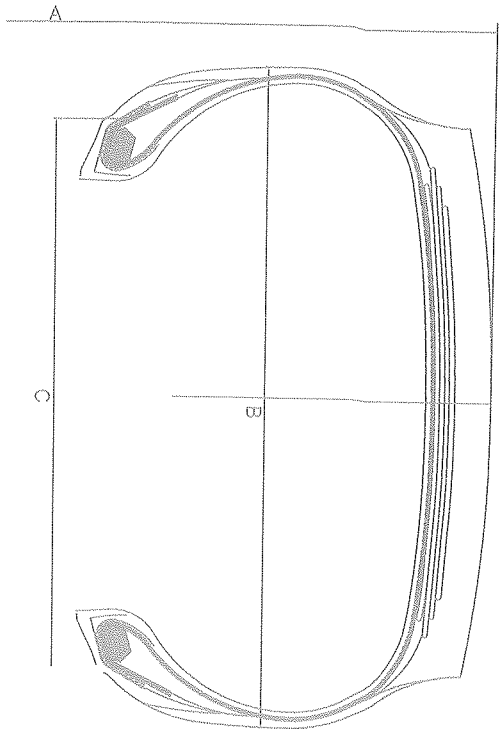
18	▲						
17	HL						
16	RADIAL TUBELESS						
15	BRAND TYRE HERE						
14	M+S						
13	**** (PRODUCTION DATE)						
12	18PR MAX LOAD: DUAL MAX LOAD: DUAL	PIRES: 1 STEEL TREAD 1 STEEL+3 STEEL LOAD: 4000 kg (8820 lbs) AT 900 kPa (130 psi) COLD 3350 kg (7385 lbs) AT 900 kPa (130 psi) COLD					
11	REGROOVABLE						
10	PLEASE SEE THE TABLE 1 ON THE LEFT						
9	**** (MOLD NUMBER)						
8	E4 0041179						
7	156/150L 154M AT 900 kPa 150						
6	DOT ....						
5	RIM 9.00						
4	315/70R22.5						
3	WARNING:...						
2	MADE IN THAILAND						
1	PLEASE SEE THE TABLE 1 ON THE LEFT						
	LOWER MOLD					UPPER MOLD	

315/70R22.5	156/150 154 150	L M 154	TL	1014	312	228.5
TYRE SIZE	LOAD INDEX	SPEED SYMBOL	TYPE	A (mm)	B (mm)	C (mm)

Approve by: 张艳

Check by: 张艳

Draft by: 张艳



TREAD PATTERNS

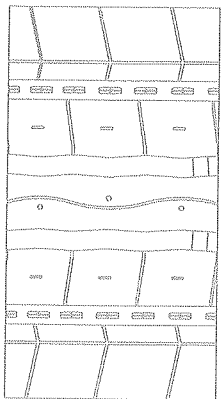


TABLE 1

BRAND NAME	TREAD PATTERN NAME
HUBTRAC	REGIONAL S11

Approve by:

*[Signature]*

Check by:

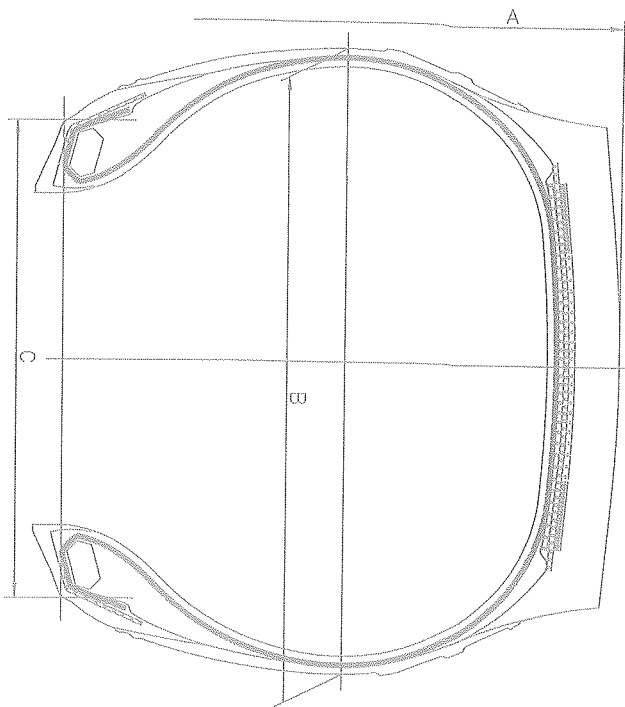
*[Signature]*

Draft by:

*[Signature]*

18	AA							
17	HL							
16	RADIAL TUBELESS							
15	BRAND TYRE HERE							
14	M+S							
13	**** (PRODUCTION DATE)							
12	18PR MAX LOAD: SINGLE MAX LOAD: DUAL	TREAD 1	STEEL +4	STEEL	AT 900 kPa (130 psi) COLD	LR. J		
11	REGROOVABLE							
10	PLEASE SEE THE TABLE 1 ON THE LEFT							
9	**** (MOLD NUMBER)							
8	④ 0041179							
7	156/150L ⑤④ AT 900 kPa							
6	DOT .....							
5	RIM 9.00							
4	315/70R22.5							
3	WARNING:...							
2	MADE IN THAILAND							
1	PLEASE SEE THE TABLE 1 ON THE LEFT	LOWER MOLD		UPPER MOLD				
	315/70R22.5	156/150L ⑤④	L ④	TL	1014	312	228.5	
	TYRE SIZE	LOAD INDEX	SPEED SYMBOL	TYPE	A (mm)	B (mm)	C (mm)	





TREAD PATTERNS

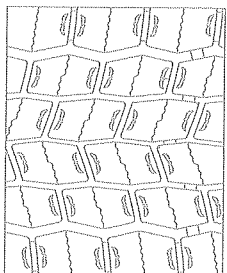
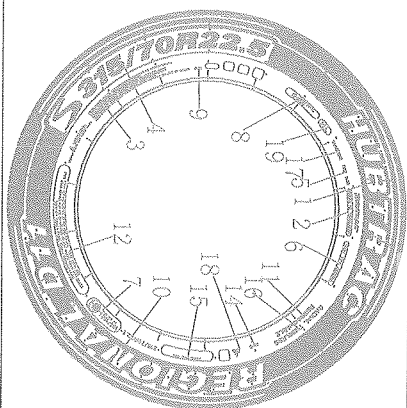
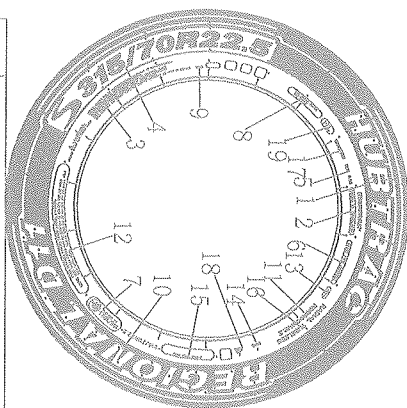


TABLE 1

BRAND NAME	TREAD PATTERN NAME
HUBTRAC	REGIONAL D11



19	HL
18	AA
17	TRACTION
16	RADIAL TUBELESS
15	BRAND TYRE HERE
14	M+S
13	**** (PRODUCTION DATE)
12	PIES: 1 STEEL TREAD 1 STEEL+3 STEEL 18PR MAX LOAD: SINGLE 4000 kg (8820 lbs) AT 900 kPa (130 psi) COLD LR J MAX LOAD: DUAL 3350 kg (7385 lbs) AT 900 kPa (130 psi) COLD
11	REGROOVABLE
10	PLEASE SEE THE TABLE 1 ON THE LEFT
9	**** (MOLD NUMBER)
8	E4) 0041179
7	156/150L (154M) AT 900 kPa
6	DOT ....
5	RIM 9.00
4	315/70R22.5
3	WARNING:...
2	MADE IN THAILAND
1	PLEASE SEE THE TABLE 1 ON THE LEFT
	LOWER MOLD
	UPPER MOLD

315/70R22.5	156/150 (154M)	L (M)	TL	1014	312	228.5
TYRE SIZE	LOAD INDEX	SPEED SYMBOL	TYPE	A (mm)	B (mm)	C (mm)

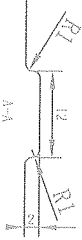
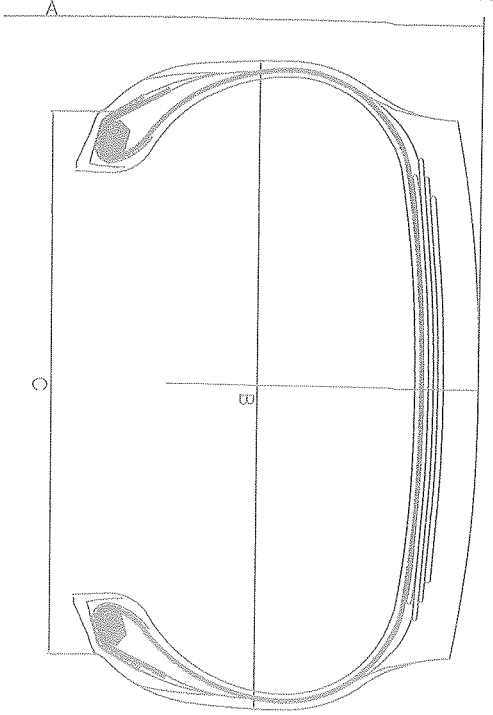
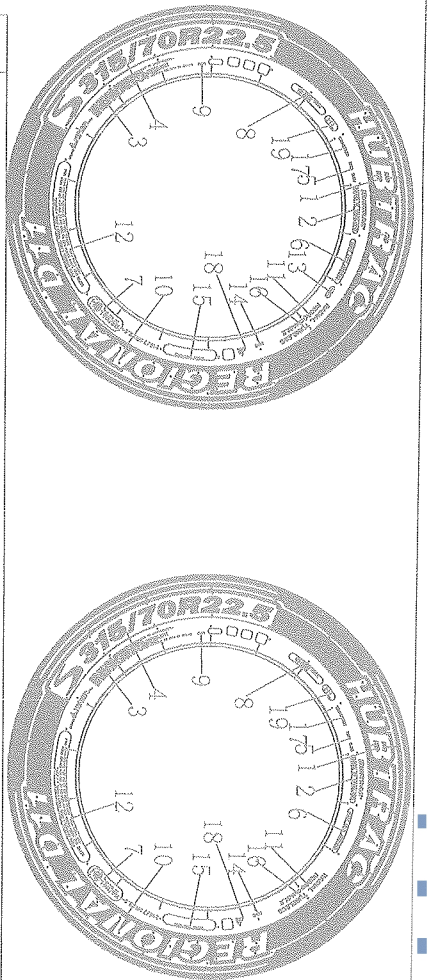
Approve by: *张艳*

Check by:

*张艳*

Draft by:

*郝浩浩*



TREAD PATTERNS

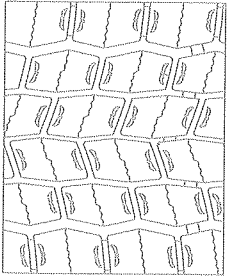


TABLE 1

BRAND NAME	TREAD PATTERN NAME
HUBTRAC	REGIONAL D11

Approve by:

*Handwritten signature*

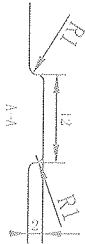
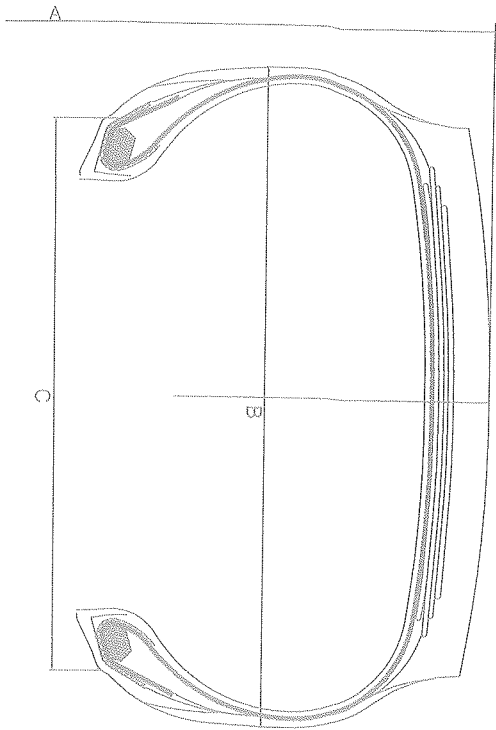
Check by:

*张艳*

Draft by:

*郝洁洁*

19	HL						
18	TRACTION						
17	RADIAL TUBELESS						
15	BRAND TYRE HERE						
14	M+S						
13	**** (PRODUCTION DATE)						
12	18PR MAX LOAD: SINGLE MAX LOAD: DUAL	PLIES: 1 STEEL TREAD 1 STEEL+4 STEEL 4000 kg (8820 lbs) AT 900 kPa (130 psi) COLD 3350 kg (7385 lbs) AT 900 kPa (130 psi) COLD					LR, J
11	REGROOVABLE						
10	PLEASE SEE THE TABLE 1 ON THE LEFT						
9	**** (MOLD NUMBER)						
8	④ 0041179						
7	156/150L (154/150) AT 900 kPa						
6	DOT ....						
5	RIM 9.00						
4	315/70R22.5						
3	WARNING:...						
2	MADE IN THAILAND						
1	PLEASE SEE THE TABLE 1 ON THE LEFT						
	LOWER MOLD						UPPER MOLD
315/70R22.5	156/150 (154/150)	L (M)	TL	1014	312		228.5
TYRE SIZE	LOAD INDEX	SPEED SYMBOL	TYPE	A (mm)	B (mm)		C (mm)



TREAD PATTERNS

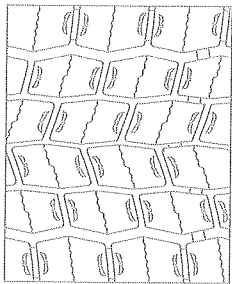
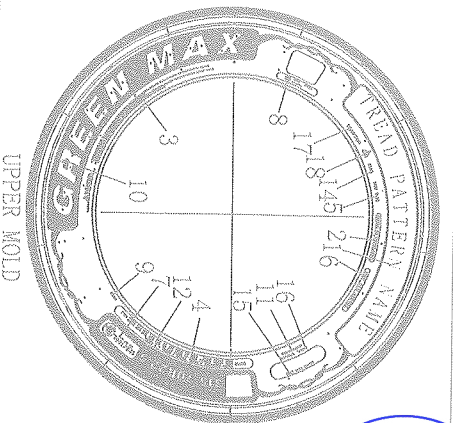
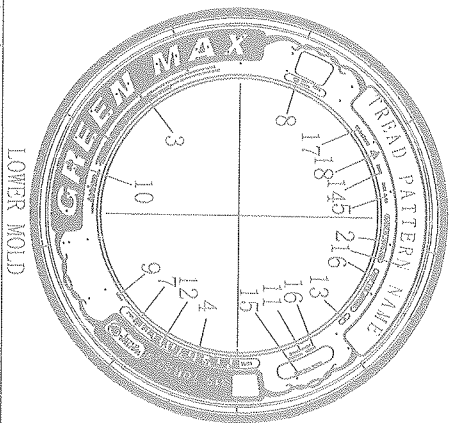


TABLE 1

BRAND NAME	TREAD PATTERN NAME
GREEN MAX	GRD806

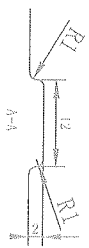
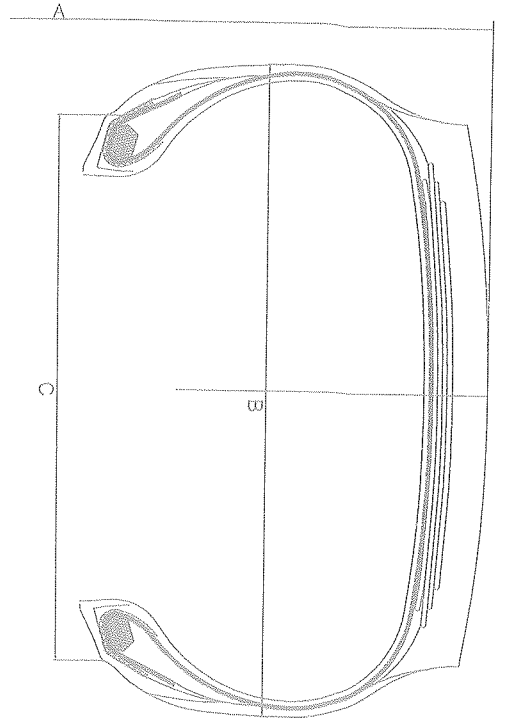


18	TRACHTION						
17	RADIAL TUBELESS						
15	BRAND TYRE HERE						
14	M+S						
13	***** (PRODUCTION DATE)						
12	18PR MAX LOAD: DUAL MAX LOAD: DUAL	STEEL TREAD 1 4000 kg 3350 kg	STEEL+4 STEEP (8820 lbs) (7385 lbs)	AT 900 KPa AT 900 KPa	COLD COLD	LR. J	
11	REGROOVABLE						
10	PLEASE SEE THE TABLE 1 ON THE LEFT						
9	***** (MOLD NUMBER)						
8	(E4) 0041179						
7	156/150L (154/150)M AT 900 KPa						
6	DOT ....						
5	RIM 9.00						
4	315/70R22.5						
3	WARNING:...						
2	MADE IN THAILAND						
1	PLEASE SEE THE TABLE 1 ON THE LEFT						
	LOWER MOLD					UPPER MOLD	
	315/70R22.5	156/150 (154/150)	L (M)	TL	1014	312	228.5
	TYRE SIZE	LOAD INDEX	SPEED SYMBOL	TYPE	A (mm)	B (mm)	C (mm)

Approve by:

Check by:

Draft by:



TREAD PATTERNS

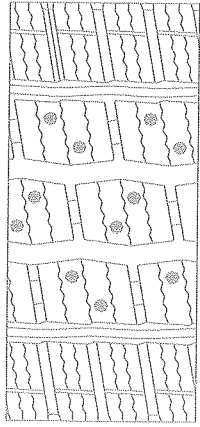
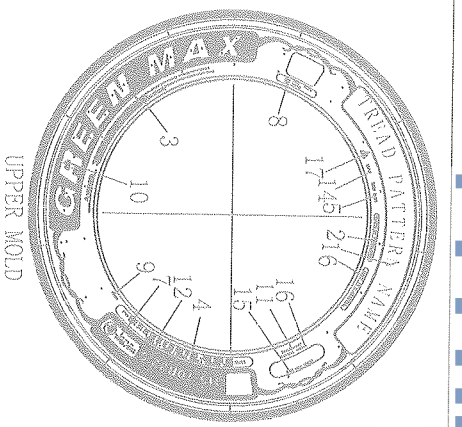
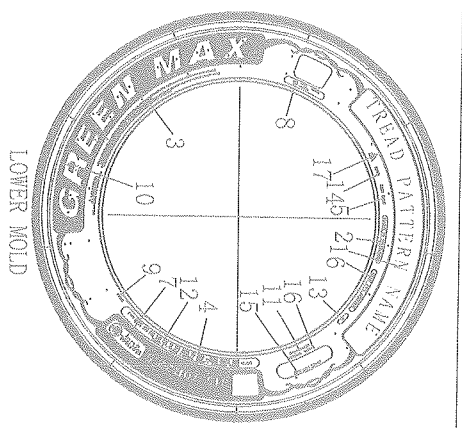


TABLE 1

BRAND NAME	TREAD PATTERN NAME
GREEN MAX	GWS828

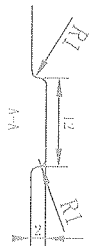
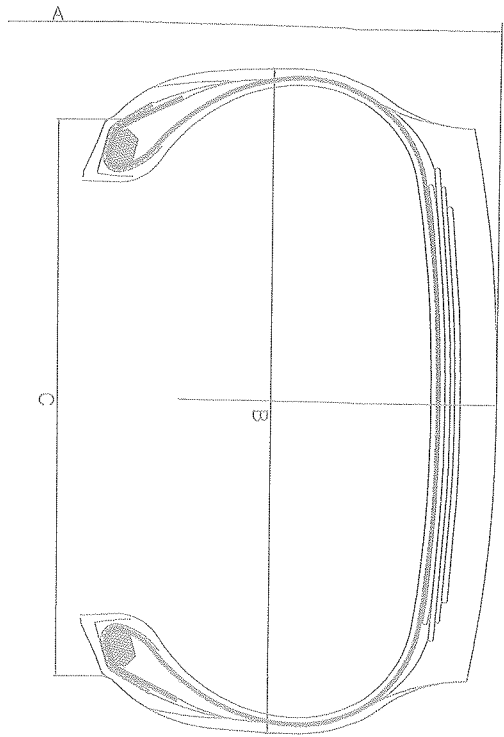


17		RADIAL TUBELESS						
16		BRAND TYRE HERE						
15		M+S						
14		***** (PRODUCTION DATE)						
13		PLIES: 1 STEEL TREAD 1 STEEL+4 STEEL						
12		18PR MAX LOAD: SINGLE 4000 kg (8820 lbs) AT 900 kPa (130 psi) COLD LR J						
11		MAX LOAD: DUAL 3350 kg (7385 lbs) AT 900 kPa (130 psi) COLD						
10		REGROOVABLE						
9		PLEASE SEE THE TABLE 1 ON THE LEFT						
8		***** (MOLD NUMBER)						
7		0041179						
6		156/150L <sup>154</sup> 150M AT 900 kPa						
5		DOT ....						
4		RIM 9.00						
3		315/70R22.5						
2		WARNING:...						
1		MADE IN THAILAND						
		PLEASE SEE THE TABLE 1 ON THE LEFT						
		LOWER MOLD						
		UPPER MOLD						
		315/70R22.5	156/150L <sup>154</sup> 150M	L <sup>154</sup> M	TL	1014	312	228.5
		TYRE SIZE	LOAD INDEX	SPEED SYMBOL	TYPE	A (mm)	B (mm)	C (mm)

Approve by:

Check by:

Draft by:



TREAD PATTERNS

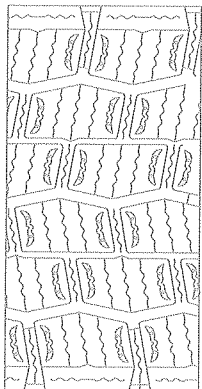
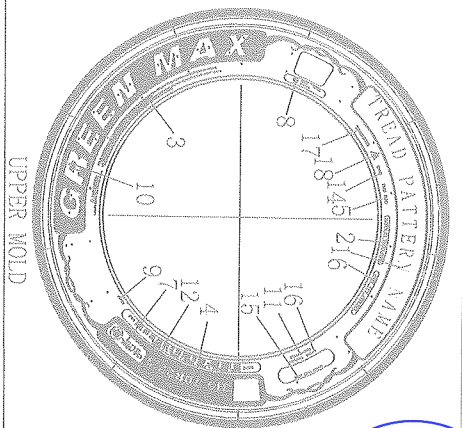
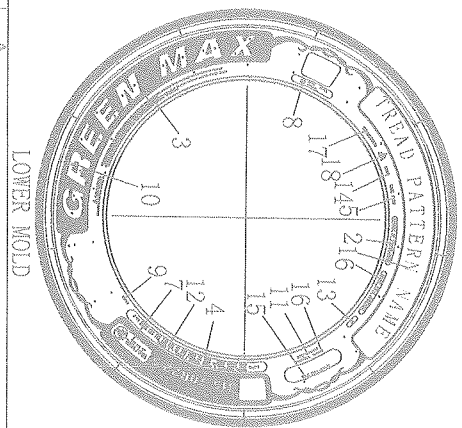


TABLE 1

BRAND NAME	TREAD PATTERN NAME
GREEN MAX	GWD838



18	TRACTION				
17	RADIAL TUBELESS				
16	BRAND TYRE HERE				
15	M+S				
14	***** (PRODUCTION DATE)				
13	PLIES: 1 STEEL TREAD 1 STEEL+4 STEEL 18PR MAX LOAD: SINGLE 4000 kg (8820 lbs) AT 900 kPa (130 psi) COLD L.R. J MAX LOAD: DUAL 3350 kg (7385 lbs) AT 900 kPa (130 psi) COLD				
12	REGROOVABLE				
11	PLEASE SEE THE TABLE 1 ON THE LEFT				
10	***** (MOLD NUMBER)				
9	E4 0041179				
8	156/150L 154M AT 900 kPa				
7	DOT .....				
6	RIM 9.00				
5	315/70R22.5				
4	WARNING:...				
3	MADE IN THAILAND				
2	PLEASE SEE THE TABLE 1 ON THE LEFT				
1	LOWER MOLD		UPPER MOLD		

315/70R22.5	156/150 154M	L M	TL	1014	312	228.5
TYRE SIZE	LOAD INDEX	SPEED SYMBOL	TYPE	A (mm)	B (mm)	C (mm)

Approve by: 孙小波

Check by: 张艳

Draft by: 郑传浩

**REPORT No. CN20070389****APPROVAL OF PNEUMATIC TYRES FOR COMMERCIAL VEHICLES  
AND THEIR TRAILERS REFERRING TO UN REGULATION NO. 54R00/23**

Approval number : E4\*54R00/23\*41179\*08

Applicant : LLIT (THAILAND) CO., LTD.

Manufacturer : LLIT (THAILAND) CO., LTD.  
911/9 Moo 5, Khaokhansong, Sriracha, Chonburi 20110,  
Thailand

Brand-name(s)/trademark(s) : LINGLONG; SHANLING; LEAO; Infinity; Benchmark;  
ATLAS TIRE; BARKLEY; BENCHMARK; GREEN MAX;  
XBRI; FINIXX; CROSSWIND; TECHKING; SUMO  
FIRENZA; FULLMILE; TOMKET; AUFINE; MAXELL;  
ANEMOI; HUBTRAC

Trade description(s)/Commercial name(s) : LTL812; STL812; ATL812; ITL812; BTL812; GRS802;  
GRS806; XCURVE; AP-200; FX125T; BL203+; ETD100;  
BL831; CWD10E; GRD802; ETS100; BL221; CWS10E;  
KTD300; BL833; GRD806; CWD30K; KTS300; BL223;  
CWS30K; KWS600; BLW12; GWS828; CWS60W; KWD600;  
BLW18; GWD838; CWD60W; F860; SF860; LF860; BF860;  
TASK ST; AP-100<sup>Φ</sup>; TASK DH; DRIVUS -WS; DRIVUS-  
WD; DRIVUS-S; DRIVUS-D; T-HYBRID D01; AEL2;  
MAL2; T-HYBRID S01; TOMKET TD2; TOMKET TF2;  
TOMKET TF1; HIGHWAY S11; HIGHWAY D11;  
REGIONAL S11; REGIONAL D11

Tyre size designation : 315/70R22.5

Place and date of test report issue : L'Albornar, Santa Oliva (Tarragona)  
24/07/2020

Tested pneumatic tyre **FULFILS** with the specifications regarding to the type approval of approval of pneumatic tyre referring to the Supplement 23 to the original version of the UN Regulation NO. 54 as specified in the annex of this report.

Performed by:

Zhaocai (Frank) Yu  
TEST ENGINEER

Revised by:

Lluís Sans Gomis  
DEPARTMENT MANAGER

**ANNEX TO THE REPORT**

**Reason(s) for extension:**

- Addition of brand name: HUBTRAC
- Addition of trade description: HIGHWAY S11; HIGHWAY D11; REGIONAL S11; REGIONAL D11
- The technical service is changed from TUV NORD into IDIADA
- Addition of another new tyre construction variant 2: PLIES: SIDEWALL 1 STEEL TREAD 1STEEL+4STEEL

The test result of construction variant 1: PLIES: SIDEWALL 1 STEEL TREAD 1STEEL+3STEEL , as below:

**1. TECHNICAL DESCRIPTION OF THE PNEUMATIC TYRE:**

Brand-name(s)/trademark(s)	:	LINGLONG
Trade description(s)/Commercial name(s)	:	ETD100
Tyre-size designation	:	315/70R22.5
Category of use	:	<del>normal</del> / snow /- <del>special</del>
Structure	:	<del>diagonal</del> /- <del>bias-belted</del> / radial
Speed category index	:	nominal : L additional : M
Load-capacity index	:	nominal: single : 156 twinned : 150 additional: single : 154 twinned : 150
X of the manufacturer /	:	0.75
Tyre cross-section	:	See technical documentation

**2. TYRE MARKING**

**2.1. Compulsory Marking**

Approval mark	:	
Approval mark Height a > 12 mm	:	Yes
Tyre definition marking height	:	
Tyre size b > 6 mm	:	Yes
Load and speed index b > 6 mm	:	Yes

\* THE PRESENTED RESULTS REFER ONLY TO THE TESTED SAMPLE  
 \* THE PARTIAL REPRODUCTION OF THIS REPORT WITHOUT THE PERMISSION OF IDIADA IS COMPLETELY FORBIDDEN



## 2.2. Additional Marking

“M+S” / “M.S” / “M&S”	:	M+S
“TUBELESS”	:	Yes
Index of inflation pressure	:	900 kPa
Ply rating	:	N.A.
“ET” / “ML” / “MPT” / “POR”	:	N.A.
“REGROOVABLE”	:	Yes
Date of manufacture	:	0218
Height of these marking $c > 4$ mm	:	Yes

## 3. TEST RESULTS.

Sample Reception date	:	07/04/2018
Place and test dates	:	09/04/2018-11/04/2018 Zhaoyuan, China
Sample Id.	:	CN18040109
Measure rim code	:	9.00 × 22.5”
Test rim Code	:	9.00 × 22.5”

### 3.1. Pneumatic tyre measurement

Mounting pressure in <b>measuring rim</b>	:	<b>P(1m) = 9.0 bar</b>
Conditioning temperature	:	<b>Temp. = 25 °C</b>
Adjusted pressure before conditioning	:	<b>P(2m) = 9.0 bar</b>
Readjusted pressure after <b>24</b> hours	:	<b>P(3m) = 9.0 bar</b>

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### 3.1.1. Tyre width measurement:

Measures of **overall width** at six equally-spaced points:

Point	Overall width (mm)
1	316.5
2	317.0
3	316.9
4	316.6
5	316.8
6	317.3
Point	Maximum width (mm)
6	317.3

### 3.1.2. Tyre section width calculation:

$S = 312$  (mm) given by Annex 5/Calculation

Or

$$S = S_1 + K(A - A_1)$$

Nominal section width (mm)	315
K coefficient	0.4
Measuring rim Width (mm)	228.6
X of the manufacturer	0.75
Theoretical rim Width (mm)	236.25

Maximum measured width (mm)	Section width (mm)	Difference (%)
$S_M = 317.3$	$S = 312$	1.70

The overall width of a tyre may be less than the section or exceed the value by the following percentages: 8% structure diagonal; 4 % structure radial. For section with exceed 305mm shall not exceed the value by the following percentages: 4% structure diagonal; 2 % structure radial of nominal aspect higher than 60.

FULFILS / ~~DOES NOT FULFIL~~

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**3.1.3. Outer diameter measurement**

Maximum circumference (mm)	Outer diameter (mm) $D_{i\ ext} = \frac{L}{\pi}$
3201	1018.9

**3.1.4. Tyre outer diameter calculation:**

$$D = d + 2H$$

Conventional number of the nominal rim(mm)	<b>d = 572 mm</b>
Nominal section width (mm)	S1= 315 mm
Nominal aspect ratio	Ra= 70
Factor a	0.97
Factor b	Radial:1.04 (Normal), 1.06(Special) Diagonal:1.08 (Normal), 1.09(Special)
Nominal section height (mm)	<b>H = 221 mm</b>

Dmin $D_{min} = d + 2(H \times a)$	Outer diameter D (measured)	Dmax $D_{max} = d + 2(H \times b)$
1000 mm	1018.9 mm	1042 mm
<b>Dmin &lt; D &lt; Dmax</b>		

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**3.2 Load/speed performance test**

**3.2.1 For tyres with speed category symbol Q and above:**

**Test Conditions**

Speed category	N.A.
Load capacity index	N.A.
Maximum velocity (km/h)	N.A.
Test axle load (kg)	N.A.
Maximum speed during the test (km/h)	N.A.
Load of axle during the test (kg)	N.A.
Inflation tyre pressure before conditioning(kpa)	N.A.
Conditioning time wheel-tyre assembly(hour)	N.A.
Readjusted tyre pressure after conditioning (kpa)	N.A.
Test wheel diameter (m)	N.A.
Temperature (°C)	N.A.

**Test cycle**

Step	Duration (min)	Speed (km/h)
1	N.A.	N.A.
2	N.A.	N.A.
3	N.A.	N.A.
4	N.A.	N.A.
TOTAL	N.A.	

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**3.2.2 Tyres with speed category symbol P and below:**

- Attachment 1: Test result of Nominal Load/Speed Combination (156/150L)
- Attachment 2: Test result of AdditionalLoad/Speed Combination (154/150M)

**Attachment 1: Test result of Nominal Load/Speed Combination (156/150L)**

**Test Conditions**

Speed category	L
Load capacity index	156
Maximum velocity (km/h)	120
Test drum speed during the test (km/h)	64
Load of axle during the test (kg) (100%)	4000
Inflation tyre pressure before conditioning(kpa)	900
Conditioning time wheel-tyre assembly(hour)	3
Readjusted tyre pressure after conditioning (kpa)	900
Test wheel diameter (m)	1.7
Temperature (°C)	27

**Test cycle**

Step	Duration (h)	Load (kg)	
1	7	66%	2640
2	16	84%	3360
3	24	101%	4040
TOTAL	47		

**3.2.3 Tyre measurement**

Outer diameter measurement at the start of test	1018.9 mm
Outer diameter measurement at the end of test	1022.1 mm
Percentage of the change in outer diameter measurement (%)	0.31

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**Attachment 2: Test result of AdditionalLoad/Speed Combination (154/150M)**
**Test Conditions**

Speed category	M
Load capacity index	154
Maximum velocity (km/h)	130
Test drum speed during the test (km/h)	72
Load of axle during the test (kg) (100%)	3750
Inflation tyre pressure before conditioning(kpa)	900
Conditioning time wheel-tyre assembly(hour)	3
Readjusted tyre pressure after conditioning (kpa)	900
Test wheel diameter (m)	1.7
Temperature (°C)	27

**Test cycle**

Step	Duration (h)	Load (kg)	
1	7	66%	2475
2	16	84%	3150
3	24	101%	3787.5
TOTAL	47		

**3.2.4 Tyre measurement**

Outer diameter measurement at the start of test	1021.8 mm
Outer diameter measurement at the end of test	1025.9 mm
Percentage of the change in outer diameter measurement (%)	0.40

\* THE PRESENTED RESULTS REFER ONLY TO THE TESTED SAMPLE

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### 3.3. Test results

3.3.1. The outer diameter of the tyre, measured six hours after the load/speed endurance test, must not differ by more than  $\pm 3.5\%$  from the outer diameter as measured before the test.

FULFILS / ~~DOES NOT FULFIL~~

3.3.2. Once passed the load/speed endurance test, the tyre must not exhibit any tread separation, ply separation, cord separation, chunking or broken cords.

FULFILS / ~~DOES NOT FULFIL~~

Test Place : Zhaoyuan, China  
Test Date : 09/04/2018-11/04/2018

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The test result of another new tyre construction variant 2: PLIES: SIDEWALL 1 STEEL TREAD 1STEEL+4STEEL, as below:

#### 4. TECHNICAL DESCRIPTION OF THE PNEUMATIC TYRE:

Brand-name(s)/trademark(s)	:	LINGLONG
Trade description(s)/Commercial name(s)	:	ETS100
Tyre-size designation	:	315/70R22.5
Category of use	:	<del>normal</del> / snow / <del>special</del>
Structure	:	<del>diagonal</del> / <del>bias-belted</del> / radial
Speed category index	:	nominal : L additional : M
Load-capacity index	:	nominal: single : 156 twinned : 150 additional: single : 154 twinned : 150
X of the manufacturer /	:	0.75
Tyre cross-section	:	See technical documentation

#### 5. TYRE MARKING

##### 5.1. Compulsory Marking

Approval mark	:	
Approval mark Height a > 12 mm	:	Yes
Tyre definition marking height	:	
Tyre size b > 6 mm	:	Yes
Load and speed index b > 6 mm	:	Yes

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## 5.2. Additional Marking

“M+S” / “M.S” / “M&S”	:	M+S
“TUBELESS”	:	Yes
Index of inflation pressure	:	900 kPa
Ply rating	:	N.A.
“ET” / “ML” / “MPT” / “POR”	:	N.A.
“REGROOVABLE”	:	Yes
Date of manufacture	:	1220
Height of these marking $c > 4$ mm	:	Yes

## 6. TEST RESULTS.

Sample Reception date	:	07/06/2020
Place and test dates	:	08/06/2020-11/06/2020 Zhaoyuan, China
Sample Id.	:	CN20070389
Measure rim code	:	9.00 × 22.5”
Test rim Code	:	9.00 × 22.5”

### 6.1. Pneumatic tyre measurement

Mounting pressure in <b>measuring rim</b>	:	<b>P(1m) = 9.0 bar</b>
Conditioning temperature	:	<b>Temp. = 25 °C</b>
Adjusted pressure before conditioning	:	<b>P(2m) = 9.0 bar</b>
Readjusted pressure after <b>24</b> hours	:	<b>P(3m) = 9.0 bar</b>

\* THE PRESENTED RESULTS REFER ONLY TO THE TESTED SAMPLE

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**6.1.1. Tyre width measurement:**

Measures of **overall width** at six equally-spaced points:

Point	Overall width (mm)
1	312.8
2	312.7
3	312.8
4	312.8
5	312.7
6	312.9
Point	Maximum width (mm)
<b>2,6</b>	<b>312.9</b>

**6.1.2. Tyre section width calculation:**

**S = 312** (mm) given by Annex 5/Calculation

Or

$$S = S_1 + K(A - A_1)$$

Nominal section width (mm)	315
K coefficient	0.4
Measuring rim Width (mm)	228.6
X of the manufacturer	0.75
Theoretical rim Width (mm)	236.25

Maximum measured width (mm)	Section width (mm)	Difference (%)
$S_M = 312.9$	$S = 312$	0.29

The overall width of a tyre may be less than the section or exceed the value by the following percentages: 8% structure diagonal; 4 % structure radial. For section with exceed 305mm shall not exceed the value by the following percentages: 4% structure diagonal; 2 % structure radial of nominal aspect higher than 60.

FULFILS / ~~DOES NOT FULFIL~~

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 \* THE PARTIAL REPRODUCTION OF THIS REPORT WITHOUT THE PERMISSION OF IDIADA IS COMPLETELY FORBIDDEN

**6.1.3. Outer diameter measurement**

Maximum circumference (mm)	Outer diameter (mm) $D_{i\ ext} = \frac{L}{\pi}$
3188	1014.8

**6.1.4. Tyre outer diameter calculation:**

$$D = d + 2H$$

Conventional number of the nominal rim(mm)	<b>d = 572 mm</b>
Nominal section width (mm)	S1= 315 mm
Nominal aspect ratio	Ra= 70
Factor a	0.97
Factor b	Radial:1.04 (Normal), 1.06(Special) Diagonal:1.08 (Normal), 1.09(Special)
Nominal section height (mm)	<b>H = 221 mm</b>

Dmin $D_{min} = d + 2(H \times a)$	Outer diameter D (measured)	Dmax $D_{max} = d + 2(H \times b)$
1000 mm	1014.8 mm	1042 mm
<b>Dmin &lt; D &lt; Dmax</b>		

FULFILS / DOES NOT FULFIL

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**6.2 Load/speed performance test**

**6.2.1 For tyres with speed category symbol Q and above:**

**Test Conditions**

Speed category	N.A.
Load capacity index	N.A.
Maximum velocity (km/h)	N.A.
Test axle load (kg)	N.A.
Maximum speed during the test (km/h)	N.A.
Load of axle during the test (kg)	N.A.
Inflation tyre pressure before conditioning(kpa)	N.A.
Conditioning time wheel-tyre assembly(hour)	N.A.
Readjusted tyre pressure after conditioning (kpa)	N.A.
Test wheel diameter (m)	N.A.
Temperature (°C)	N.A.

**Test cycle**

Step	Duration (min)	Speed (km/h)
1	N.A.	N.A.
2	N.A.	N.A.
3	N.A.	N.A.
4	N.A.	N.A.
TOTAL	N.A.	

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\* THE PRESENTED RESULTS REFER ONLY TO THE TESTED SAMPLE  
 \* THE PARTIAL REPRODUCTION OF THIS REPORT WITHOUT THE PERMISSION OF IDIADA IS COMPLETELY FORBIDDEN

**6.2.2 Tyres with speed category symbol P and below:**

- Attachment 1: Test result of Nominal Load/Speed Combination (156/150L)
- Attachment 2: Test result of AdditionalLoad/Speed Combination (154/150M)

**Attachment 1: Test result of Nominal Load/Speed Combination (156/150L)**

**Test Conditions**

Speed category	L
Load capacity index	156
Maximum velocity (km/h)	110
Test drum speed during the test (km/h)	64
Load of axle during the test (kg) (100%)	4000
Inflation tyre pressure before conditioning(kpa)	900
Conditioning time wheel-tyre assembly(hour)	3
Readjusted tyre pressure after conditioning (kpa)	900
Test wheel diameter (m)	1.7
Temperature (°C)	27

**Test cycle**

Step	Duration (h)	Load (kg)	
1	7	66%	2640
2	16	84%	3360
3	24	101%	4040
TOTAL	47		

**6.2.3 Tyre measurement**

Outer diameter measurement at the start of test	1014.8 mm
Outer diameter measurement at the end of test	1017.0 mm
Percentage of the change in outer diameter measurement (%)	0.22

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 \* THE PARTIAL REPRODUCTION OF THIS REPORT WITHOUT THE PERMISSION OF IDIADA IS COMPLETELY FORBIDDEN



**Attachment 2: Test result of AdditionalLoad/Speed Combination (154/150M)**
**Test Conditions**

Speed category	M
Load capacity index	154
Maximum velocity (km/h)	130
Test drum speed during the test (km/h)	72
Load of axle during the test (kg) (100%)	3750
Inflation tyre pressure before conditioning(kpa)	900
Conditioning time wheel-tyre assembly(hour)	3
Readjusted tyre pressure after conditioning (kpa)	900
Test wheel diameter (m)	1.7
Temperature (°C)	27

**Test cycle**

Step	Duration (h)	Load (kg)	
1	7	66%	2475
2	16	84%	3150
3	24	101%	3787.5
TOTAL	47		

**6.2.4 Tyre measurement**

Outer diameter measurement at the start of test	1014.8 mm
Outer diameter measurement at the end of test	1017.3 mm
Percentage of the change in outer diameter measurement (%)	0.25

\* THE PRESENTED RESULTS REFER ONLY TO THE TESTED SAMPLE

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### 6.3. Test results

6.3.1. The outer diameter of the tyre, measured six hours after the load/speed endurance test, must not differ by more than  $\pm 3.5\%$  from the outer diameter as measured before the test.

FULFILS / ~~DOES NOT FULFIL~~

6.3.2. Once passed the load/speed endurance test, the tyre must not exhibit any tread separation, ply separation, cord separation, chunking or broken cords.

FULFILS / ~~DOES NOT FULFIL~~

Test Place : Zhaoyuan, China  
Test Date : 08/06/2020-11/06/2020



Zhaocai(frak) Yu  
TEST ENGINEER

CN20070389

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