

Title (en)

COMPOSITION FOR TYRE RUNNING TREAD AND METHOD FOR PREPARING SAME

Title (de)

REIFENLAUFFLÄCHENZUSAMMENSETZUNG UND DESSEN VERFAHREN ZUR HERSTELLUNG

Title (fr)

COMPOSITION POUR BANDE DE ROULEMENT DE PNEUMATIQUE ET SON PROCÉDE DE PREPARATION

Publication

**EP 1290083 A1 20030312 (FR)**

Application

**EP 01943417 A 20010521**

Priority

- EP 0105802 W 20010521
- FR 0006597 A 20000522

Abstract (en)

[origin: WO0190237A1] The invention concerns a crosslinkable or crosslinked rubber composition having improved hysteretic properties when crosslinked which is useful for forming a tyre running tread, a method for preparing said crosslinkable composition, such a running tread and a tyre having reduced rolling resistance. Said composition is characterised in that it consists of: at least a diene elastomer having a mol ratio of units derived from conjugate dienes higher than 30 % and comprising carboxylic acid functions along its chain, and a reinforcing inorganic filler.

IPC 1-7

**C08L 13/00**; **C08C 19/26**; **B60C 1/00**

IPC 8 full level

**B60C 1/00** (2006.01); **C08C 19/26** (2006.01); **C08C 19/42** (2006.01); **C08J 3/20** (2006.01); **C08K 3/00** (2006.01); **C08K 5/00** (2006.01); **C08K 9/02** (2006.01); **C08L 9/00** (2006.01); **C08L 13/00** (2006.01); **C08L 91/00** (2006.01)

CPC (source: EP KR US)

**B60C 1/00** (2013.01 - KR); **B60C 1/0016** (2013.01 - EP US); **C08C 19/26** (2013.01 - EP US); **C08C 19/42** (2013.01 - EP US); **C08K 3/36** (2013.01 - EP KR US); **C08L 9/00** (2013.01 - KR); **C08L 13/00** (2013.01 - EP US); **Y02T 10/86** (2013.01 - EP US)

C-Set (source: EP US)

1. **C08K 3/36 + C08L 13/02**
2. **C08L 13/00 + C08L 2666/08**

Citation (search report)

See references of WO 0190237A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

**WO 0190237 A1 20011129**; AU 6599901 A 20011203; BR 0111085 A 20030408; CA 2408947 A1 20011129; CN 100408621 C 20080806; CN 101307162 A 20081119; CN 101307162 B 20140319; CN 1437635 A 20030820; EP 1290083 A1 20030312; JP 2003534426 A 20031118; JP 5530049 B2 20140625; KR 100806662 B1 20080228; KR 20030005376 A 20030117; MX PA02011413 A 20030606; RU 2302435 C2 20070710; US 2003195288 A1 20031016; US 2004220315 A1 20041104; US 6815487 B2 20041109; US 7396870 B2 20080708; ZA 200209398 B 20030521

DOCDB simple family (application)

**EP 0105802 W 20010521**; AU 6599901 A 20010521; BR 0111085 A 20010521; CA 2408947 A 20010521; CN 01811569 A 20010521; CN 200810131718 A 20010521; EP 01943417 A 20010521; JP 2001587043 A 20010521; KR 20027015702 A 20010521; MX PA02011413 A 20010521; RU 2002134488 A 20010521; US 30311202 A 20021122; US 85820404 A 20040602; ZA 200209398 A 20021119