

Title (en)

TYRE OF WHICH THE CROWN AREA IS PROVIDED WITH A SUB-LAYER COMPRISING A THERMOPLASTIC ELASTOMER AND A CONDUCTIVE FILLER

Title (de)

REIFEN MIT KRONE IST MIT EINER TEILSCHICHT AUS EINEM THERMOPLASTISCHEN ELASTOMER UND LEITFÄHIGEN FÜLLSTOFF

Title (fr)

PNEUMATIQUE DONT LA ZONE SOMMET EST POURVUE D'UNE SOUS-COUCHE COMPORTANT UN ÉLASTOMÈRE THERMOPLASTIQUE ET UNE CHARGE CONDUCTRICE

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Application

EP 15725594 A 20150526

Priority

- FR 1454785 A 20140527
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Abstract (en)

[origin: WO2015181150A1] The present invention relates to a radial tyre (1) for a motor vehicle, comprising a crown (2) having a tread (3) provided with at least one radially external portion (3a) intended to enter into contact with the road; two inextensible beads (4), two sidewalls (5) linking the beads (4) to the tread (3), a carcass reinforcement (6) passing into the two sidewalls (5) and anchored in the beads (4); a crown reinforcement or belt (7) disposed circumferentially between the radially external portion (3a) of the tread (3) and the carcass reinforcement (6); a radially internal elastomer layer (8), called "sub-layer", different in composition from the composition of the radially external portion (3a) of the tread, said sub-layer itself being disposed circumferentially between the radially external portion (3a) of the tread (3) and the carcass reinforcement (6), characterized in that said sub-layer comprises at least one thermoplastic elastomer, said thermoplastic elastomer being a block copolymer comprising at least one elastomer block and at least one thermoplastic block, the total amount of thermoplastic elastomer being in a range varying from 65 to 100 phr (parts by weight per hundred parts of elastomer), said sub-layer also comprising at least one conductive filler.

IPC 8 full level

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Citation (search report)

See references of WO 2015181150A1

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