

Title (en)

RUBBER COMPOSITION FOR TYRE TREADS AND TYRES

Title (de)

KAUTSCHUKZUSAMMENSETZUNG FÜR REIFENLAUFFLÄCHE UND PNEUMATISCHEN REIFEN

Title (fr)

COMPOSITION DE CAOUTCHOUC POUR BANDE DE ROULEMENT DE PNEUMATIQUE ET PNEUMATIQUE

Publication

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Application

EP 02703627 A 20020308

Priority

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Abstract (en)

[origin: WO02072689A1] The invention relates to a crosslinkable or crosslinked rubber composition which can be used to produce a tyre casing tread, one such tread having, in particular, improved wear resistance. Furthermore, according to the invention, the tyre casing has improved resistance to the separation of the constituent working crown plies thereof. The inventive composition is made from one or more diene elastomers and comprises at least one hydrocarbon plasticising resin which is miscible with the diene elastomer(s), said resin having a Tg of between 10 DEG C and 150 DEG C and a molecular mass of between 400 and 2000 g/mol. Said composition comprises (pce: parts by weight per 100 parts of elastomer(s)): between 5 pce and 35 pce of said hydrocarbon plasticising resin, which is not made from cyclopentadiene or dicyclopentadiene; at least one plasticising oil, having a quantity varying between 0 pce and 26 pce; one or more diene elastomers, having a quantity varying between 30 and 100 pce, each having a Tg of between -65 DEG C and -10 DEG C; and one or more diene elastomers, having a quantity varying between 70 and 0 pce, each having a Tg of between -110 DEG C and -80 DEG C.

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Citation (search report)

See references of WO 02072689A1

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