

Title (en)

PLASTICIZING SYSTEM FOR A RUBBER COMPOSITION

Title (de)

WEICHMACHERSYSTEM FÜR EINE KAUTSCHUKZUSAMMENSETZUNG

Title (fr)

SYSTEME PLASTIFIANT POUR COMPOSITION DE CAOUTCHOUC

Publication

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Application

**EP 06776284 A 20060718**

Priority

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Abstract (en)

[origin: WO2007017060A1] The invention relates to a plasticizing system that can be used for plasticizing a diene rubber composition, characterized in that it is based on an MES or TDAE oil and on a terpene/vinyl aromatic copolymer resin, in particular, limonene and styrene copolymer. The rubber composition exhibits an improved resistance to wear and to cuts, said composition being based on at least one diene elastomer, a reinforcing filler, a cross-linking system and a plasticizing system comprising between 5 and 35 pce of an MES or TDAE oil and between 5 and 35 pce of a terpene/vinyl aromatic copolymer resin (pce = parts by weight per 100 parts of elastomers). The invention also relates to a method for preparing a composition of the aforementioned type, to the use of this composition for producing a finished article or semi-finished product for use in a tire or a tire/motor vehicle connecting system, particularly a tire tread.

IPC 8 full level

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