

Title (en)
MULTILAYER LAMINATED COMPOSITE FOR TYRES

Title (de)
MEHRSCHICHTIGER LAMINierter VERBUNDSTOFF FÜR REIFEN

Title (fr)
STRATIFIE MULTICOUCHE POUR PNEUMATIQUE

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Application
EP 14809861 A 20141211

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Abstract (en)
[origin: WO2015091182A1] The invention concerns an elastomer laminated composite for tyres, the laminated composite comprising at least three superposed polymer layers: a first layer or thermoplastic layer, consisting of a composition based on at least one thermoplastic polymer (TP), the rate of thermoplastic polymer being in a range from more than 50 to 100 % by weight; a second layer or layer of aromatic polyester block copolymer (APBC), consisting of a composition based on at least one aromatic polyester block copolymer (APBC) thermoplastic elastomer, the rate of aromatic polyester block copolymer (APBC) being in a range from more than 50 to 100 pce (parts by weight per 100 parts by weight of elastomer); the aromatic polyester block copolymer (APBC) thermoplastic elastomer of the second layer being selected from the group consisting of aromatic polyester copolymers and aliphatic polyether and mixtures thereof; and a third layer or diene layer consisting of a composition based on at least one diene elastomer, the rate of diene elastomer layer being in a range from more than 50 to 100 pce.

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Citation (search report)
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