

Title (en)
USE OF A COMBINATION OF A FUNCTIONALISED ORGANOSILANE-BASED COMPOUND AND A COUPLING ACTIVATOR AS A COUPLING SYSTEM IN DIENIC ELASTOMER COMPOSITIONS CONTAINING A WHITE FILLER

Title (de)
VERWENDUNG EINER ASSOZIATION EINER ZUSAMMENSETZUNG BASIEREND AUF MIT EINEM KUPPLUNGSAKTIVATOR FUNKTIONALISIERTEN ORGANOSILANEN, ALS KUPPLUNGSSYSTEM FÜR WEISSEN FÜLLSTOFF ENTHALTENDE DIENELASTOMERZUSAMMENSETZUNGEN

Title (fr)
UTILISATION D'UNE ASSOCIATION D'UN COMPOSE A BASE D'ORGANOSILANE FONCTIONNALISE AVEC UN ACTIVATEUR DE COUPLAGE, COMME SYSTEME DE COUPLAGE DANS LES COMPOSITIONS D'ELASTOMERES DIENIQUES COMPRENANT UNE CHARGE BLANCHE

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Abstract (en)
[origin: FR2803306A1] The invention relates to the use of a combination (i) of a member of a group of coupling agents based on organosilanes of formula (I), each with a double ethylenic bond activated (2i) with a very small quantity of a coupling activator consisting especially of an organic peroxide; as a white filler-elastomer coupling system in dienic rubber compositions (s) containing a white filler, especially a siliceous white filler, as a reinforcing filler. The organosilanes correspond to formula (I) $(R<1>O)_a(R<2>)_3-aSiZ$, wherein $R<1>$ and $R<2>$ are monovalent hydrocarbonated groups, a is a number chosen from 1, 2 and 3, and Z is a function containing an activated ethylenic double bond, chosen especially from a maleamic acid, acrylamide, acrylic or isomaleimide function.

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