

Title (en)
USE OF AN ORGANOSILICON COMPOUND BEARING AT LEAST AN ACTIVATED DOUBLE ETHYLENE BOND AS COUPLING AGENT IN RUBBER COMPOSITIONS COMPRISING A WHITE FILLER

Title (de)
VERWENDUNG EINER ORGANOSILIZIUMVERBINDUNG WELCHE MINDESTENS EINE AKTIVIERTE ETHYLENISCH UNGESÄTTIGTE BINDUNG ENTHÄLT ALS KUPPLUNGSMITTEL IN KAUTSCHUKZUSAMMENSETZUNGEN DIE WEISSE FÜLLSTOFFE ENTHALTEN

Title (fr)
UTILISATION D'UN COMPOSE ORGANOSILICIQUE PORTEUR D'AU MOINS UNE DOUBLE LIAISON ETHYLENIQUE ACTIVEE COMME AGENT DE COUPLAGE DANS LES COMPOSITIONS DE CAOUTCHOUC COMPRENANT UNE CHARGE BLANCHE

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Application
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Abstract (en)
[origin: FR2810329A1] Use of a coupling agent comprising a compound (A) with functional groups X and Y grafted partly with a white filler with group Y and partly with an elastomer with group X in a rubber composition containing a rubber (B) and a white reinforcing filler. Compound (A) is a multifunctional polyorganosiloxane (POS) with a function Y, n OH function and/or a hydrolyzable function and also a function X and a double bond. The claimed compound (A) is used as a coupling agent in isoprene compositions in an amount of 0.5 pts/100 pts. elastomer. Independent claims are also included for: (i) elastomeric compositions containing an isoprene elastomer, a white filler and a coupler as above; (ii) their preparation by mixing the components; and (iii) articles made from the composition.

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IPC 8 full level
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