

Title (en)
SULFUR-CROSSLINKED RUBBER MIXTURE FOR VEHICLE TIRES, CONTAINING CARBON NANOTUBES (CNTS), VEHICLE TIRE HAVING THE SULFUR-CROSSLINKED RUBBER MIXTURE, AND METHOD FOR PRODUCING THE SULFUR-CROSSLINKED RUBBER MIXTURE CONTAINING CARBON NANOTUBES

Title (de)
SCHWEFELVERNETZTE KAUTSCHUKMISCHUNG FÜR FAHRZEUGGREIFEN ENTHALTEND CARBON NANOTUBES (CNT), FAHRZEUGGREIFEN, DER DIE SCHWEFELVERNETZTE KAUTSCHUKMISCHUNG AUFWEIST, SOWIE VERFAHREN ZUR HERSTELLUNG DER SCHWEFELVERNETZTEN KAUTSCHUKMISCHUNG ENTHALTEND CNT

Title (fr)
MÉLANGE DE CAOUTCHOUC RÉTICULÉ AU SOUFRE POUR PNEUMATIQUES DE VÉHICULE, CONTENANT DES NANOTUBES DE CARBONE (CNT), PNEUMATIQUE DE VÉHICULE COMPRENANT LE MÉLANGE DE CAOUTCHOUC RÉTICULÉ AU SOUFRE, ET PROCÉDÉ DE PRÉPARATION DU MÉLANGE DE CAOUTCHOUC RÉTICULÉ AU SOUFRE CONTENANT DES NANOTUBES DE CARBONE

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Abstract (en)
[origin: WO2018210471A1] The invention relates to a sulfur-crosslinked rubber mixture for vehicle tires, containing carbon nanotubes (CNTs), to a vehicle tire having the sulfur-crosslinked rubber mixture, and to a method for producing the sulfur-crosslinked rubber mixture containing CNTs. The sulfur-crosslinked rubber mixture according to the invention is characterized in that the CNTs are pre-dispersed in at least one polyisoprene. The vehicle tire according to the invention has the sulfur-crosslinked rubber mixture preferably in the tread and/or a sidewall and/or a conductivity strip.

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