

Title (en)
RUBBER COMPOUND

Title (de)
KAUTSCHUKCOMPOUND

Title (fr)
COMPOSE DE CAOUTCHOUC

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Application
EP 06805738 A 20060916

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Abstract (en)
[origin: WO2007033801A1] The invention relates to a method for producing a rubber compound wherein the mechanical properties thereof are improved. In particular, the rubber compound has an increased elongation at rupture and/or increased tensile strength and/or increased tear strength and also a reduced permanent set (DVR). The rubber compound comprises a rubber (A) which has at least two functional groups which can be cross-linked by hydrosilylation, a cross-linking agent consisting of hydrosiloxane or a hydrosiloxane derivative or a mixture of several hydrosiloxanes or derivatives, which comprise at least two SiH-groups per molecule in the centre, a hydrosilylation catalyst system (C), at least one filling material (D) and a coagent (E) which can be cross-linked by hydrosilylation.

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