

Title (en)
RUBBER COMPOSITION

Title (de)
KAUTSCHUKZUSAMMENSETZUNG

Title (fr)
COMPOSITION DE CAOUTCHOUC

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EP 3956156 A1 20220223 (FR)

Application
EP 20716797 A 20200406

Priority
• FR 1904033 A 20190416
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Abstract (en)
[origin: WO2020212184A1] The invention relates to a rubber composition which comprises a diene elastomer, a reinforcing filler comprising more than 50% by weight of a silica, a crosslinking system, a modifying agent bearing an N-substituted imidazole function and a unit containing a group that is reactive with respect to the diene elastomer and if necessary a silane coupling agent to bond the diene elastomer to the silica, the total amount of modifying agent and silane coupling agent represents more than 5% by weight of the amount of silica, the ratio of the amount of modifying agent to the total amount of modifying agent and silane coupling agent is greater than 0.5, the amounts being expressed in phr.

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B60C 1/00 (2006.01)

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B60C 1/00 (2013.01); **C08K 3/36** (2013.01); **C08K 5/3445** (2013.01)

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