

Title (en)

REINFORCED RUBBER COMPOSITION FOR A TYRE

Title (de)

VERSTÄRKT KAUTSCHUKZUSAMMENSETZUNG FÜR EINEN REIFEN

Title (fr)

COMPOSITION DE CAOUTCHOUC RENFORCEE POUR PNEUMATIQUE

Publication

EP 3233997 A1 20171025 (FR)

Application

EP 15808609 A 20151214

Priority

- FR 1462415 A 20141215
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Abstract (en)

[origin: WO2016096689A1] The invention relates to a tyre comprising at least one rubber composition made from at least one diene elastomer, a reinforcing filler, a plasticizing system and a cross-linking system, characterized in that the composition comprises hexagonal boron nitride having a BET specific surface area greater than or equal to 10 m²/g as the reinforcing filler with a content from 30 to 350 parts per hundred of elastomer, phr, and a coupling agent capable of binding the boron nitride to the diene elastomer.

IPC 8 full level

C08K 3/38 (2006.01); **B60C 1/00** (2006.01); **C08K 3/00** (2006.01); **C08K 5/00** (2006.01); **C08K 5/548** (2006.01); **C08L 21/00** (2006.01)

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Citation (search report)

See references of WO 2016096689A1

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FR 3029929 A1 20160617; **FR 3029929 B1 20180202**; CN 107001718 A 20170801; EP 3233997 A1 20171025; JP 2018500451 A 20180111; US 2018355153 A1 20181213; WO 2016096689 A1 20160623

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