

Title (en)

PNEUMATIC TIRE WITH BELT HAVING RUBBER LAYER REDUCING ROLLING NOISE

Title (de)

FAHRZEUGREIFEN MIT GUERTEL SOWIE KAUTSCHUKSCHICHT DIE DAS ABROLLGERAEUSCH REDUZIERT

Title (fr)

BANDAGE PNEUMATIQUE DONT LA CEINTURE EST POURVUE D'UNE GOMME D'ENROBAGE REDUISANT LES BRUITS DE ROULAGE

Publication

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Application

EP 11721052 A 20110524

Priority

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- EP 2011058443 W 20110524

Abstract (en)

[origin: WO2011157514A1] Radial tyre (1) for a motor vehicle, comprising: o a crown (2) comprising at least one tread (3) and one crown reinforcement or belt (7); o two inextensible beads (4), two side walls (5) connecting the beads (4) to the tread (3), a carcass reinforcement (6) passing into the two side walls (5) and anchored in the beads (4); o the belt (7), positioned circumferentially between the tread (3) and the carcass reinforcement (6), comprising textile or metal reinforcements coated in a rubber composition (8) referred to as a "belt coating rubber", characterized in that this belt coating rubber, capable of reducing the rolling noise of the tyre, comprises at least one diene elastomer and, as a high-density filler, more than 50 phr of particles referred to as high-density particles having a density of greater than 4 g/cm³.

IPC 8 full level

B60C 1/00 (2006.01); **B60C 9/18** (2006.01); **C08K 3/08** (2006.01); **C08K 3/22** (2006.01); **C08L 7/00** (2006.01); **C08L 9/00** (2006.01); **C08L 21/00** (2006.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 2011157514A1

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