

Title (en)

IMPROVED NOISE-REDUCING DEVICE FOR TYRE

Title (de)

VERBESSERTE GERÄUSCHDÄMPFUNGSVORRICHTUNG FÜR REIFEN

Title (fr)

DISPOSITIF ANTI BRUIT AMELIORE POUR PNEU

Publication

EP 3071427 A1 20160928 (FR)

Application

EP 14796012 A 20141031

Priority

- FR 1361451 A 20131121
- EP 2014073486 W 20141031

Abstract (en)

[origin: WO2015074852A1] Tread for a tyre, having a tread surface (10) and comprising at least one groove (2) of width W and depth P delimited by two opposing lateral walls (21, 22) and by a groove bottom (20), at least one groove (2) having a plurality of closure devices composed of a flexible blade (3) for closing this groove in a rest position at a degree of closure at least equal to 90%, each flexible blade (3) being integral with the lateral walls delimiting the groove and also with the bottom of this groove and having appropriate dimensions to be able to deform, under the action of a flow of liquid, in the groove, thereby reducing its degree of closure to at most 40%.

IPC 8 full level

B60C 19/00 (2006.01); **B60C 11/04** (2006.01)

CPC (source: EP US)

B60C 11/13 (2013.01 - EP US); **B60C 11/1307** (2013.01 - US); **B60C 19/002** (2013.01 - EP US); **B60C 2011/1338** (2013.01 - US)

Citation (search report)

See references of WO 2015074852A1

Citation (examination)

JP H05155203 A 19930622 - SUMITOMO RUBBER IND

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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WO 2015074852 A1 20150528

DOCDB simple family (application)

FR 1361451 A 20131121; EP 14796012 A 20141031; EP 2014073486 W 20141031; JP 2016532089 A 20141031; US 201415037796 A 20141031