

Title (en)

OVERMOLDED COMPONENT WITH A LABYRINTH SEAL

Title (de)

UMSPRITZTES BAUELEMENT MIT EINEM DICHTLABYRINTH

Title (fr)

ÉLÉMENT STRUCTURAL ENROBÉ PAR EXTRUSION DOTÉ D'UN LABYRINTHE D'ÉTANCHÉITÉ

Publication

**EP 2828517 A1 20150128 (DE)**

Application

**EP 13706215 A 20130218**

Priority

- DE 102012204302 A 20120319
- EP 2013053210 W 20130218

Abstract (en)

[origin: WO2013139546A1] The invention relates to a component comprising an insert part (2) and an overmold (3) which extends at least partly around the insert part (2). The insert part (2) has at least one groove (4), and the groove (4) has an undercut (8) on at least one flank (5, 6). The overmold (3) at least partly fills the groove (4).

IPC 8 full level

**F02M 61/16** (2006.01)

CPC (source: EP US)

**B29C 63/0056** (2013.01 - US); **B29D 99/0053** (2013.01 - US); **F02M 61/166** (2013.01 - US); **F02M 61/168** (2013.01 - EP US); **F02M 63/007** (2013.01 - US); **B29C 2063/006** (2013.01 - US); **B29K 2101/00** (2013.01 - US); **B29L 2031/748** (2013.01 - US); **F02M 2200/8046** (2013.01 - EP US); **Y10T 428/24612** (2015.01 - EP US)

Citation (search report)

See references of WO 2013139546A1

Citation (examination)

- EP 2589789 A1 20130508 - BOSCH GMBH ROBERT [DE]
- US 2009017242 A1 20090115 - WEBER DOUGLAS [US], et al
- DE 19936426 A1 20000413 - CATERPILLAR INC [US]

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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**DE 102012204302 A 20120319**; CN 201380014539 A 20130218; EP 13706215 A 20130218; EP 2013053210 W 20130218; JP 2015500811 A 20130218; KR 20147026068 A 20130218; US 201314386119 A 20130218