

Title (en)

SEALINGLY ENCAPSULATED COMPONENT, AND METHOD FOR PRODUCING SUCH A COMPONENT

Title (de)

DICHT UMSPRITZTES BAUELEMENT UND VERFAHREN ZUM ERSTELLEN EINES SOLCHEN BAUELEMENTS

Title (fr)

ÉLÉMENT STRUCTURAL ENROBÉ DE MANIÈRE ÉTANCHE PAR EXTRUSION ET PROCÉDÉ POUR PRODUIRE UN ÉLÉMENT STRUCTURAL DE CE TYPE

Publication

**EP 2828518 A1 20150128 (DE)**

Application

**EP 13706214 A 20130218**

Priority

- DE 102012204305 A 20120319
- EP 2013053209 W 20130218

Abstract (en)

[origin: WO2013139545A1] The invention relates to a component comprising a base part (2), a seal element (3), an insert element (4), and an encapsulation (6) which extends at least partly around the insert element (4) and at least partly around the base part (2). The insert element (4) is arranged between the encapsulation (6) and the seal element (3).

IPC 8 full level

**F02M 63/00** (2006.01); **F02M 55/00** (2006.01)

CPC (source: EP US)

**B32B 1/08** (2013.01 - US); **B32B 7/12** (2013.01 - US); **B32B 15/08** (2013.01 - US); **B32B 37/153** (2013.01 - US); **F02M 55/004** (2013.01 - EP US);  
**F02M 61/08** (2013.01 - US); **F02M 63/0057** (2013.01 - EP US); **B32B 2250/03** (2013.01 - US); **B32B 2255/06** (2013.01 - US);  
**B32B 2305/34** (2013.01 - US); **B32B 2307/30** (2013.01 - US); **B32B 2581/00** (2013.01 - US); **B32B 2605/00** (2013.01 - US);  
**F02M 2200/8046** (2013.01 - EP US); **Y10T 428/1359** (2015.01 - EP US)

Citation (search report)

See references of WO 2013139545A1

Citation (examination)

- US 5616037 A 19970401 - LORRAINE JACK R [US], et al
- EP 1755133 A2 20070221 - DELPHI TECH INC [US]
- EP 1726865 A2 20061129 - RASMUSSEN GMBH [DE]

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)

**DE 102012204305 A1 20130919**; CN 104204504 A 20141210; CN 104204504 B 20180918; EP 2828518 A1 20150128;  
JP 2015510988 A 20150413; KR 20140133870 A 20141120; US 2015028137 A1 20150129; WO 2013139545 A1 20130926

DOCDB simple family (application)

**DE 102012204305 A 20120319**; CN 201380014538 A 20130218; EP 13706214 A 20130218; EP 2013053209 W 20130218;  
JP 2015500810 A 20130218; KR 20147026039 A 20130218; US 201314386144 A 20130218