

Title (en)

Device for the sealed connection of communicating channels in adjacent and/or connected parts of a combustion engine

Title (de)

Vorrichtung zur dichten Verbindung von kommunizierenden Kanälen in angrenzenden und/oder verbundenen Bauteilen einer Brennkraftmaschine

Title (fr)

Dispositif permettant de relier de façon étanche des canaux communicants dans des éléments de construction adjacents et/ou reliés d'un moteur à combustion interne

Publication

**EP 2754863 A3 20150916 (DE)**

Application

**EP 13004453 A 20130912**

Priority

DE 102013000510 A 20130115

Abstract (en)

[origin: EP2754863A2] The device has a connecting pipe (9) which is provided with an annular collar received in a channel-sided recess of a component. An axially sealed sealing ring is arranged between a front-sided section of the annular collar and a wall area of the channel-sided recess. The annular collar is received additionally with a radial circumferential gap in the recess. An annular groove is provided in the front-sided section of the annular collar, in which the sealing ring is inserted.

IPC 8 full level

**F01M 11/00** (2006.01); **F02F 7/00** (2006.01)

CPC (source: EP US)

**F01M 11/00** (2013.01 - EP US); **F01M 11/0004** (2013.01 - EP US); **F02F 11/00** (2013.01 - US); **F01M 2011/0066** (2013.01 - EP US); **F01M 2011/023** (2013.01 - EP US)

Citation (search report)

- [A] DE 202005010604 U1 20061116 - HENGST GMBH & CO KG [DE], et al
- [A] JP S5863306 U 19830428
- [A] DE 3418718 A1 19851121 - KLOECKNER HUMBOLDT DEUTZ AG [DE]
- [A] JP H09317430 A 19971209 - HONDA MOTOR CO LTD
- [A] EP 2264289 A1 20101222 - HONDA MOTOR CO LTD [JP]

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)

**EP 2754863 A2 20140716; EP 2754863 A3 20150916; EP 2754863 B1 20160831**; DE 102013000510 A1 20140717; EA 028182 B1 20171031; EA 201400023 A1 20140930; HU E032020 T2 20170828; US 2014197634 A1 20140717; US 8978615 B2 20150317

DOCDB simple family (application)

**EP 13004453 A 20130912**; DE 102013000510 A 20130115; EA 201400023 A 20140114; HU E13004453 A 20130912; US 201414155750 A 20140115