

Title (en)

SEALING SYSTEM OF A HEAD OF AN INTERNAL COMBUSTION ENGINE WITH COMMON RAIL EXTERNAL TO THE HEAD

Title (de)

DICHTUNGSSYSTEM EINES ZYLINDERKOPFES EINER BRENNKRAFTMASCHINE MIT COMMON-RAIL AUSSERHALB DES ZYLINDERKOPFES

Title (fr)

SYSTÈME D'ÉTANCHÉITÉ POUR LA CULASSE D'UN MOTEUR À COMBUSTION INTERNE AVEC COMMON-RAIL À L'EXTÉRIEUR DE LA CULASSE

Publication

EP 3283753 B1 20190612 (EN)

Application

EP 16725909 A 20160413

Priority

- IT TO20150214 A 20150413
- IB 2016052084 W 20160413

Abstract (en)

[origin: WO2016166667A1] A sealing system of a head (H) of an internal combustion engine (E) with common rail (CR) external to the head, the common rail having a longitudinal tubular shape with two or more output connectors (SN), in one piece with said common rail and distributed along said common rail (CR) and aligned with one another so as to lie on a same common plane (PL), and wherein the head (H) of the internal combustion engine (E) comprises a wall (HW) provided with through holes (TH) in the same number as said two or more output connectors (SN), the sealing system being defined by said two or more output connectors (SN), said through holes (TH), distributed so as to be simultaneously engaged by said two or more output connectors (SN) and sealing means (G, GI) interposed between said wall (HW) and said two or more output connectors (SN).

IPC 8 full level

F02M 39/00 (2006.01); **F02F 1/24** (2006.01); **F02F 7/00** (2006.01); **F02F 11/00** (2006.01); **F02M 55/02** (2006.01); **F02M 61/16** (2006.01)

CPC (source: EP US)

F02M 39/00 (2013.01 - EP US); **F02M 55/025** (2013.01 - EP); **F02F 1/24** (2013.01 - EP); **F02M 61/168** (2013.01 - EP); **F02M 2200/16** (2013.01 - EP); **F02M 2200/857** (2013.01 - EP)

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

DOCDB simple family (publication)

WO 2016166667 A1 20161020; EP 3283753 A1 20180221; EP 3283753 B1 20190612; ES 2743956 T3 20200221

DOCDB simple family (application)

IB 2016052084 W 20160413; EP 16725909 A 20160413; ES 16725909 T 20160413