

Title (en)

FUEL RAIL ASSEMBLY FOR A FUEL INJECTION SYSTEM AND METHOD OF MANUFACTURING SUCH A FUEL RAIL ASSEMBLY

Title (de)

BRENNSTOFFSCHIENENANORDNUNG FÜR EIN BRENNSTOFFEINSPRITZSYSTEM UND VERFAHREN ZUR HERSTELLUNG SOLCH EINER BRENNSTOFFSCHIENENANORDNUNG

Title (fr)

ENSEMBLE RAMPE DE CARBURANT DESTINÉ À UN SYSTÈME D'INJECTION DE CARBURANT ET PROCÉDÉ DE FABRICATION D'UN TEL ENSEMBLE RAMPE DE CARBURANT

Publication

EP 3470664 A1 20190417 (EN)

Application

EP 17196394 A 20171013

Priority

EP 17196394 A 20171013

Abstract (en)

A fuel rail assembly for a fuel injection system for an internal combustion engine comprises a plurality of components. The plurality of components may include at least an elongate fuel rail (2) having a fuel inlet (4) and a plurality of fuel outlets spaced along the fuel rail, each outlet has a fuel adapter (12) bonded thereto to provide a mechanical and hydraulic communication with a fuel injector cup (14) adapted to receive a fuel injector. At least two of the components comprise differing steels.

IPC 8 full level

F02M 61/16 (2006.01); **F02M 55/02** (2006.01); **F02M 61/14** (2006.01); **F02M 69/46** (2006.01); **B23K 101/06** (2006.01)

CPC (source: EP)

F02M 55/02 (2013.01); **F02M 55/025** (2013.01); **F02M 61/14** (2013.01); **F02M 61/166** (2013.01); **F02M 69/465** (2013.01); **F02M 2200/8084** (2013.01); **F02M 2200/856** (2013.01); **F02M 2200/9053** (2013.01)

Citation (search report)

- [X] EP 2789845 A1 20141015 - BENTELER AUTOMOBILTECHNIK GMBH [DE]
- [X] US 2014261330 A1 20140918 - DOHERTY ROBERT J [US]
- [A] US 2007012748 A1 20070118 - MCCRINK EDWARD J [US], et al
- [A] WO 2010050566 A1 20100506 - KANBISHI CORP [JP], et al
- [A] US 2006243353 A1 20061102 - MILAM DAVID L [US]
- [A] KR 20150048548 A 20150507 - HYUNDAI KEFICO CORP [KR]
- [A] US 2010001215 A1 20100107 - SUZUKI KATSUYUKI [JP], et al
- [A] EP 0273279 A2 19880706 - NISSHIN STEEL CO LTD [JP]
- [A] WO 2017050850 A1 20170330 - CONTINENTAL AUTOMOTIVE GMBH [DE]
- [A] JP 3342329 B2 20021105

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 3470664 A1 20190417

DOCDB simple family (application)

EP 17196394 A 20171013