Title (en)

FUEL RAIL FOR A FUEL INJECTION SYSTEM FOR AN INTERNAL COMBUSTION ENGINE AND METHOD FOR MANUFACTURING A FUEL RAIL

Title (de)

KRAFTSTOFFSCHIENE FÜR EIN KRAFTSTOFFEINSPRITZSYSTEM FÜR EINEN VERBRENNUNGSMOTOR UND VERFAHREN ZUR HERSTELLUNG EINER KRAFTSTOFFSCHIENE

Title (fr)

RAMPE DE CARBURANT POUR UN SYSTÈME D'INJECTION DE CARBURANT D'UN MOTEUR À COMBUSTION INTERNE ET PROCÉDÉ DE FABRICATION D'UNE RAMPE DE CARBURANT

Publication

EP 3636912 A1 20200415 (EN)

Application

EP 18199032 A 20181008

Priority

EP 18199032 A 20181008

Abstract (en)

In an embodiment, a fuel rail (2) for a fuel injection system for an internal combustion engine is provided. The fuel rail (2) comprises an elongate generally tubular body (4) forming a fuel reservoir and having one or more of a fuel inlet (6), one or more fuel outlets (9) and one or more mounting brackets (12) formed integrally therewith.

IPC 8 full level

F02M 55/02 (2006.01); F02M 61/16 (2006.01); F02M 61/14 (2006.01)

CPC (source: EP)

F02M 55/025 (2013.01); F02M 61/168 (2013.01); F02M 61/14 (2013.01); F02M 2200/80 (2013.01); F02M 2200/8046 (2013.01); F02M 2200/856 (2013.01); F02M 2200/9053 (2013.01)

Citation (search report)
- [X] DE 102017205691 A1 20181004 - BOSCH GMBH ROBERT [DE]
- [X] DE 102016209423 A1 20171130 - BOSCH GMBH ROBERT [DE]
- [XAY] EP 3196457 A1 20170726 - HITACHI AUTOMOTIVE SYSTEMS LTD [JP]
- [YA] DE 102016210391 A1 20171214 - HIRSCHVOGEL UMFORMTECHNIK GMBH [DE]
- [XA] EP 2072802 A1 20090624 - BOSCH CORP [JP]
- [XA] US 2017159627 A1 20170608 - SCHULTZ JONAS [DE]
- [XA] DE 202014104466 U1 20140925 - BENTELER AUTOMOBILTECHNIK GMBH [DE]
- [X] DE 102010030286 A1 20111222 - WALTER SOEHNER GMBH & CO KG [DE]
- [X] WO 2004036028 A1 20040429 - SIEMENS AG [DE], et al

Cited by

DE102020122503B3; US11988181B2; WO2022113749A1

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 3636912 A1 20200415

DOCDB simple family (application)

EP 18199032 A 20181008