

Title (en)
FUEL INJECTION ASSEMBLY FOR AN INTERNAL COMBUSTION ENGINE

Title (de)
KRAFTSTOFFEINSPRITZANORDNUNG FÜR EINEN VERBRENNUNGSMOTOR

Title (fr)
ENSEMBLE D'INJECTION DE CARBURANT POUR MOTEUR À COMBUSTION INTERNE

Publication
EP 3636915 A1 20200415 (EN)

Application
EP 18199558 A 20181010

Priority
EP 18199558 A 20181010

Abstract (en)
A fuel injection assembly for an internal combustion engine is provided that includes an elongate fuel injector (2) having a longitudinal axis (4) having a fuel inlet (6) at one axial end of the fuel injector (2) and a fuel outlet (8) at the axially opposite end. The fuel injector (2) is located in an injector cup (10) adapted to be secured to the engine. The fuel injector (2) has an overmoulding (16) having two opposed faces (30) thereon. The injector cup (10) has an extending fork element (28) with two spaced tines (32) adapted to engage the two faces (30) therebetween to secure the injector (2) rotationally with respect to the engine.

IPC 8 full level
F02M 61/14 (2006.01)

CPC (source: EP)
F02M 61/14 (2013.01); **F02M 2200/8023** (2013.01); **F02M 2200/852** (2013.01)

Citation (applicant)
• WO 2015135732 A1 20150917 - CONTINENTAL AUTOMOTIVE GMBH [DE]
• US 6651628 B2 20031125 - NALLY DEBORA [US]

Citation (search report)
• [X] WO 2013167447 A1 20131114 - CONTINENTAL AUTOMOTIVE GMBH [DE]
• [X] WO 2018060348 A1 20180405 - CONTINENTAL AUTOMOTIVE GMBH [DE]
• [A] WO 2015135732 A1 20150917 - CONTINENTAL AUTOMOTIVE 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

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