

Title (en)
LONG INJECTOR FOR AN INTERNAL COMBUSTION ENGINE

Title (de)
LANGER INJEKTOR FÜR EINEN VERBRENNUNGSMOTOR

Title (fr)
LONG INJECTEUR POUR MOTEUR À COMBUSTION INTERNE

Publication
EP 3301293 A1 20180404 (EN)

Application
EP 16191686 A 20160930

Priority
EP 16191686 A 20160930

Abstract (en)
A long injector (1) for fuel injection into an internal combustion engine comprises a base portion (3) and an extension portion (5) and a longitudinal axis (L), wherein the base portion (3) and the extension portion (5) are at least partially arranged in a plastic housing (19), the plastic housing (19) comprising a cavity, an electrical connection between the base portion (3) and the extension portion (5) being arranged inside the cavity, walls of the cavity forming a first longitudinal protrusion (15) of the plastic housing (19), wherein the plastic housing (19) comprises a second longitudinal protrusion (21), the second longitudinal protrusion (21) being arranged essentially opposite of the first longitudinal protrusion (15).

IPC 8 full level
F02M 51/00 (2006.01); **F02M 61/10** (2006.01); **F02M 61/14** (2006.01); **F02M 61/16** (2006.01)

CPC (source: EP)
F02M 51/005 (2013.01); **F02M 61/10** (2013.01); **F02M 61/14** (2013.01); **F02M 61/166** (2013.01); **F02M 61/168** (2013.01);
F02M 2200/9015 (2013.01)

Citation (applicant)
EP 2700805 A1 20140226 - CONTINENTAL AUTOMOTIVE GMBH [DE]

Citation (search report)
• [XY] DE 102013211108 A1 20141218 - BOSCH GMBH ROBERT [DE]
• [Y] US 5211149 A 19930518 - DEGRACE JR LOUIS G [US]
• [Y] DE 102012204920 A1 20131002 - BOSCH GMBH ROBERT [DE]
• [X] EP 0649983 A1 19950426 - WEBER SRL [IT]
• [Y] DE 102011078251 A1 20130103 - BOSCH GMBH ROBERT [DE]
• [Y] DE 102011084704 A1 20130418 - BOSCH GMBH ROBERT [DE]
• [A] EP 2700805 A1 20140226 - CONTINENTAL AUTOMOTIVE GMBH [DE]

Cited by
WO2022148786A1

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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