

Title (en)  
Electrical connector

Title (de)  
Elektrischer Steckverbinder

Title (fr)  
Connecteur électrique

Publication  
**EP 2713040 A1 20140402 (EN)**

Application  
**EP 12186060 A 20120926**

Priority  
EP 12186060 A 20120926

Abstract (en)  
An electrical connector (32) for an injector assembly (10) preferably of the type having a solenoid (18). The electrical connector (32) comprises first and second conductive elements (34, 36), means for receiving a first connection means to the solenoid (18), and a nonconductive overmould (38) which houses the first and second conductive elements and which defines an opening (44) for receiving a second connection means to a power source so as to enable electrical connection of the solenoid (18) to the power source.

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

CPC (source: EP)  
**F02M 51/005** (2013.01); **F02M 61/168** (2013.01); **F02M 2200/8046** (2013.01)

Citation (search report)

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- [Y] WO 2005080786 A1 20050901 - SIEMENS AG [DE], et al
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- [X] DE 102004058715 A1 20060608 - SIEMENS AG [DE]
- [X] EP 2080892 A1 20090722 - DELPHI TECH INC [US]
- [A] DE 102007029968 A1 20090108 - BOSCH GMBH ROBERT [DE]
- [A] DE 102005029100 A1 20070104 - BOSCH GMBH ROBERT [DE]

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GB2547684A; CN108291509A; KR20180090842A; US2017211533A1; JP2017524860A; US10100794B2; WO2016008640A1; WO2017092955A1

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 2713040 A1 20140402; EP 2713040 B1 20170607**; CN 204941756 U 20160106; JP 2015533252 A 20151119; JP 5976944 B2 20160824; WO 2014048690 A1 20140403

DOCDB simple family (application)  
**EP 12186060 A 20120926**; CN 201390000776 U 20130905; EP 2013068323 W 20130905; JP 2015533510 A 20130905