

Title (en)
ELECTRICAL BRIDGING IN FUEL INJECTORS

Title (de)
ELEKTRISCHE ÜBERBRÜCKUNG IN KRAFTSTOFFINJEKTOREN

Title (fr)
PONTAGE ELECTRIQUE DANS DES INJECTEURS DE CARBURANT

Publication
EP 1817492 B1 20080702 (DE)

Application
EP 05801699 A 20051031

Priority
• EP 2005055652 W 20051031
• DE 102004056667 A 20041124

Abstract (en)
[origin: US2008185461A1] Disclosed is a fuel injector in which at least one electrically triggered valve is disposed inside an injector member and is connected to an externally accessible injector member contact by means of a solid conductor, the solid conductor and the electrical valve contact being interconnected directly via an electrically conducting positive connection or indirectly via an electrically conducting connecting element. The solid conductor is configured so as to substantially maintain the shape thereof under the influence of the proper weight thereof.

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

CPC (source: EP US)
F02M 51/005 (2013.01 - EP US); **F02M 61/168** (2013.01 - EP US); **F02M 57/025** (2013.01 - EP US); **F02M 59/105** (2013.01 - EP US); **F02M 59/466** (2013.01 - EP US); **F02M 63/0225** (2013.01 - EP US); **Y10T 29/49412** (2015.01 - EP US)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
US 2008185461 A1 20080807; **US 8322629 B2 20121204**; AT E399934 T1 20080715; DE 102004056667 A1 20060601; DE 502005004592 D1 20080814; EP 1817492 A1 20070815; EP 1817492 B1 20080702; JP 2008520888 A 20080619; JP 4571983 B2 20101027; WO 2006056520 A1 20060601

DOCDB simple family (application)
US 71873505 A 20051031; AT 05801699 T 20051031; DE 102004056667 A 20041124; DE 502005004592 T 20051031; EP 05801699 A 20051031; EP 2005055652 W 20051031; JP 2007541902 A 20051031