

Title (en)
FUEL SYSTEM PART WITH A CABLE LEADTHROUGH

Title (de)
BRENNSTOFFSYSTEMTEIL MIT EINER KABELDURCHFÜHRUNG

Title (fr)
PARTIE DE SYSTEME DE CARBURANT POURVUE D'UN PASSE-CABLE

Publication
EP 1714024 A1 20061025 (DE)

Application
EP 04802770 A 20041119

Priority
• DE 2004002557 W 20041119
• DE 102004004706 A 20040130

Abstract (en)
[origin: WO2005073547A1] A cable leadthrough (41), particularly a high-pressure cable leadthrough for fuel systems, comprising an at least partially conical-shaped conical body (45,46) and at least one retaining body (55) which is connected to the conical body (45,46). The retaining body (44) is provided with at least one through opening (56). At least one electrically conducting wire (31,32) is guided through the through opening (56). The connection between the conical body (45) and the retaining body (55) is embodied in a sealing manner and the wire (31,32) is connected to the retaining body (55) in the through opening (56) in such a way that the wire (31,32) is maintained in the through opening (56) and the through opening (56) is sealed. The invention also relates to a fuel system part, particularly a fuel injection valve (1), which is provided with said cable leadthrough (41,42) and which also comprises a component (12) which can be impinged upon with fuel at high pressure.

IPC 8 full level
F02M 47/02 (2006.01); **F02M 51/00** (2006.01); **F02M 59/46** (2006.01); **F02M 61/16** (2006.01); **F02M 63/00** (2006.01); **F02M 51/06** (2006.01)

CPC (source: EP)
F02M 47/027 (2013.01); **F02M 51/005** (2013.01); **F02M 61/166** (2013.01); **F02M 63/0026** (2013.01)

Citation (search report)
See references of WO 2005073547A1

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

DOCDB simple family (publication)
WO 2005073547 A1 20050811; CN 100532822 C 20090826; CN 1906398 A 20070131; DE 102004004706 A1 20050818; EP 1714024 A1 20061025; EP 1714024 B1 20160511; JP 2007500302 A 20070111; JP 4320035 B2 20090826

DOCDB simple family (application)
DE 2004002557 W 20041119; CN 200480041107 A 20041119; DE 102004004706 A 20040130; EP 04802770 A 20041119; JP 2006521394 A 20041119