

Title (en)
HIGH-PRESSURE FUEL DEVICE

Title (de)
KRAFTSTOFFHOCHDRUCKVORRICHTUNG

Title (fr)
DISPOSITIF D'INJECTION DE CARBURANT HAUTE PRESSION

Publication
EP 1407134 A1 20040414 (DE)

Application
EP 02727273 A 20020327

Priority
• DE 0201111 W 20020327
• DE 10133167 A 20010707

Abstract (en)
[origin: WO03004866A1] The invention relates to a high-pressure fuel device comprising a housing (1) with a first high-pressure body (3) and a second high-pressure body (5), which lie adjacent to one another on a bearing surface (30). A high-pressure chamber (23), which is configured in the housing (1) and contains a high pressure of fuel, at least temporarily, penetrates the bearing surface (30). A partition part (7) with a longitudinal axis (15), surrounds the housing (1), at least in the area of the bearing surface (30), in such a way that an oil leakage chamber (32), which is sealed off from the exterior, is formed between the partition part (7) and the housing (1).

IPC 1-7
F02M 61/16

IPC 8 full level
F02M 47/02 (2006.01); **F02M 61/10** (2006.01); **F02M 61/16** (2006.01); **F02M 61/20** (2006.01)

CPC (source: EP US)
F02M 47/02 (2013.01 - EP US); **F02M 61/10** (2013.01 - EP US); **F02M 61/16** (2013.01 - EP US); **F02M 61/168** (2013.01 - EP US);
F02M 61/205 (2013.01 - EP US); **F02M 2200/16** (2013.01 - EP US); **F02M 2200/8076** (2013.01 - EP US); **F02M 2200/9015** (2013.01 - EP US)

Citation (search report)
See references of WO 03004866A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
WO 03004866 A1 20030116; BR 0205720 A 20030729; BR 0205720 B1 20110517; DE 10133167 A1 20030123; DE 50202128 D1 20050303;
EP 1407134 A1 20040414; EP 1407134 B1 20050126; JP 2004521265 A 20040715; JP 4164026 B2 20081008; US 2004069279 A1 20040415;
US 7014130 B2 20060321

DOCDB simple family (application)
DE 0201111 W 20020327; BR 0205720 A 20020327; DE 10133167 A 20010707; DE 50202128 T 20020327; EP 02727273 A 20020327;
JP 2003510606 A 20020327; US 36389103 A 20030922