

Title (en)

HIGH-PRESSURE FUEL PUMP FOR COMMON-RAIL INJECTION SYSTEMS

Title (de)

KRAFTSTOFFHOCHDRUCKPUMPE FÜR COMMON-RAIL-EINSPRITZSYSTEME

Title (fr)

POMPE A CARBURANT HAUTE PRESSION DESTINEE A DES SYSTEMES D'INJECTION A RAMPE COMMUNE

Publication

EP 1704327 A1 20060927 (DE)

Application

EP 04766829 A 20040921

Priority

- EP 2004052252 W 20040921
- DE 10360534 A 20031222

Abstract (en)

[origin: WO2005061890A1] The invention relates to a high-pressure fuel pump for common-rail injection systems, comprising a high-pressure reservoir (4) integrated into the pump housing (1). The invention is characterized in that the high-pressure reservoir is formed by an opening (6) introduced into the pump housing (1) and a pot-shaped container (6) disposed in said opening (5).

IPC 8 full level

F04B 27/04 (2006.01); **F04B 23/02** (2006.01); **F04B 39/12** (2006.01); **F04B 53/16** (2006.01)

CPC (source: EP)

F04B 39/121 (2013.01); **F04B 53/16** (2013.01)

Citation (search report)

See references of WO 2005061890A1

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

WO 2005061890 A1 20050707; DE 10360534 A1 20050721; DE 10360534 B4 20070606; DE 502004004401 D1 20070830;
EP 1704327 A1 20060927; EP 1704327 B1 20070718

DOCDB simple family (application)

EP 2004052252 W 20040921; DE 10360534 A 20031222; DE 502004004401 T 20040921; EP 04766829 A 20040921