

Title (en)
ELECTROMAGNETICALLY ACTUATABLE VALVE

Title (de)
ELEKTROMAGNETISCH BETÄTIGBARES VENTIL

Title (fr)
SOUPAPE A ACTIONNEMENT ELECTROMAGNETIQUE

Publication
EP 1042606 A1 20001011 (DE)

Application
EP 99929071 A 19990503

Priority
• DE 9901286 W 19990503
• DE 19833461 A 19980724

Abstract (en)
[origin: DE19833461A1] A relay armature (27) has a spherically curved contour in the area of its face side lying opposite its core (2) and stretching like a ring around its circumference. The core is enclosed by a magnetic coil (1) and serves as a fuel intake connector designed as a tube. A coil form (3) contains the magnetic coil's spooling, linking with the core to create a particularly compact form of injection valve near the magnetic coil.

IPC 1-7
F02M 51/06

IPC 8 full level
F02M 51/06 (2006.01); **F02M 51/08** (2006.01); **F16K 31/06** (2006.01); **H01F 7/16** (2006.01)

CPC (source: EP KR US)
F02M 51/06 (2013.01 - KR); **F02M 51/0614** (2013.01 - EP US); **F02M 51/0664** (2013.01 - EP US); **F02M 51/0682** (2013.01 - EP US)

Citation (search report)
See references of WO 0006893A1

Designated contracting state (EPC)
DE ES FR GB IT

DOCDB simple family (publication)
DE 19833461 A1 20000127; BR 9906617 A 20000919; DE 59910132 D1 20040909; EP 1042606 A1 20001011; EP 1042606 B1 20040804; ES 2226401 T3 20050316; JP 2002521614 A 20020716; KR 20010023935 A 20010326; RU 2226615 C2 20040410; US 6302371 B1 20011016; WO 0006893 A1 20000210

DOCDB simple family (application)
DE 19833461 A 19980724; BR 9906617 A 19990503; DE 59910132 T 19990503; DE 9901286 W 19990503; EP 99929071 A 19990503; ES 99929071 T 19990503; JP 2000562653 A 19990503; KR 20007002635 A 20000313; RU 2000109962 A 19990503; US 50916200 A 20000530