

Title (en)

INJECTOR FOR A FUEL-INJECTION SYSTEM IN AN INTERNAL COMBUSTION ENGINE

Title (de)

INJEKTOR EINES KRAFTSTOFFEINSPRITZSYSTEMS EINER BRENNKRAFTMASCHINE

Title (fr)

INJECTEUR DE SYSTEME D'INJECTION DE CARBURANT D'UN MOTEUR A COMBUSTION INTERNE

Publication

EP 1831537 B1 20090304 (DE)

Application

EP 05808118 A 20051122

Priority

- EP 2005056138 W 20051122
- DE 102004061800 A 20041222

Abstract (en)

[origin: WO2006067015A1] The invention relates to an injector comprising a two-way control valve. In said valve a valve body (45) is configured in the housing of the control valve in such a way that wear to a valve cone (47) of the valve body (45) and to a first valve seat (43) in the housing of the control valve (15) is reduced.

IPC 8 full level

F02M 47/02 (2006.01); **F02M 63/00** (2006.01)

CPC (source: EP US)

F02M 47/027 (2013.01 - EP US); **F02M 63/0031** (2013.01 - EP US); **F02M 63/0045** (2013.01 - 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)

WO 2006067015 A1 20060629; AT E424506 T1 20090315; CN 101061308 A 20071024; CN 101061308 B 20100818; DE 102004061800 A1 20060706; DE 502005006773 D1 20090416; EP 1831537 A1 20070912; EP 1831537 B1 20090304; US 2009145404 A1 20090611; US 7621258 B2 20091124

DOCDB simple family (application)

EP 2005056138 W 20051122; AT 05808118 T 20051122; CN 200580039945 A 20051122; DE 102004061800 A 20041222; DE 502005006773 T 20051122; EP 05808118 A 20051122; US 71942405 A 20051122