

Title (en)

FASTENING DEVICE FOR A FUEL INJECTION VALVE

Title (de)

BEFESTIGUNGSVORRICHTUNG FÜR EIN BRENNSTOFFEINSPTITZVENTIL

Title (fr)

DISPOSITIF DE FIXATION POUR SOUPAPE D'INJECTION DE CARBURANT

Publication

EP 1373712 B1 20050223 (DE)

Application

EP 02727232 A 20020315

Priority

- DE 0200954 W 20020315
- DE 10112665 A 20010316

Abstract (en)

[origin: DE10112665A1] The attachment device has a clamping device (10) that is fitted onto the fuel injection valve (1) and is in the form of a flat component that is supported on a sleeve (11) about the fuel injection valve in contact with a preferably metal collar (16) of the valve. The clamping device can be supported on an attachment element (12) that is fixed to the cylinder head by a bolt (13).

IPC 1-7

F02M 61/14

IPC 8 full level

F02M 61/14 (2006.01); **F02M 61/16** (2006.01)

CPC (source: EP KR US)

F02M 61/14 (2013.01 - EP KR US)

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

DE 10112665 A1 20020919; CZ 20023710 A3 20040616; CZ 298138 B6 20070704; DE 50202316 D1 20050331; EP 1373712 A1 20040102; EP 1373712 B1 20050223; ES 2237677 T3 20050801; JP 2004518879 A 20040624; JP 4200008 B2 20081224; KR 100853638 B1 20080825; KR 20020091834 A 20021206; US 2004020469 A1 20040205; US 6840227 B2 20050111; WO 02075147 A1 20020926

DOCDB simple family (application)

DE 10112665 A 20010316; CZ 20023710 A 20020315; DE 0200954 W 20020315; DE 50202316 T 20020315; EP 02727232 A 20020315; ES 02727232 T 20020315; JP 2002573524 A 20020315; KR 20027015259 A 20021114; US 27686803 A 20030616