

Title (en)

DEVICE FOR DISASSEMBLING A FUEL INJECTION VALVE

Title (de)

DEMONTAGEVORRICHTUNG ZUR DEMONTAGE EINES BRENNSTOFFEINSPRITZVENTILS

Title (fr)

DISPOSITIF POUR LE DEMONTAGE D'UNE SOUPAPE D'INJECTION DE CARBURANT

Publication

EP 1064461 A1 20010103 (DE)

Application

EP 99952329 A 19990807

Priority

- DE 9902472 W 19990807
- DE 19853586 A 19981120

Abstract (en)

[origin: DE19853586A1] The device (1) has a jacket part engaging around the injection valve (22) with a holder (3) to hold the valve via a support surface (7). The part engages around the valve within an angular area of max. 180 deg between two free ends (8,9) of the part. The support surface decreases in size towards the free part ends. The device may have two narrow holder parts separate by apertures. A tubular part (4) completely enclosing the valve is connected to the holder part.

IPC 1-7

F02M 61/14; B25B 27/00

IPC 8 full level

B25B 27/00 (2006.01); **F02M 61/14** (2006.01); **F02M 61/16** (2006.01)

CPC (source: EP KR US)

B25B 27/0035 (2013.01 - EP US); **B25B 27/02** (2013.01 - EP US); **F02M 61/00** (2013.01 - KR); **F02M 61/14** (2013.01 - EP US); **Y10T 29/53552** (2015.01 - EP US); **Y10T 29/53943** (2015.01 - EP US)

Citation (search report)

See references of WO 0031410A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

DE 19853586 A1 20000525; CZ 20002648 A3 20010516; CZ 294280 B6 20041110; DE 59910139 D1 20040909; EP 1064461 A1 20010103; EP 1064461 B1 20040804; JP 2003517127 A 20030520; KR 20010034226 A 20010425; US 2002108223 A1 20020815; US 6397445 B1 20020604; US 6618918 B2 20030916; WO 0031410 A1 20000602

DOCDB simple family (application)

DE 19853586 A 19981120; CZ 20002648 A 19990807; DE 59910139 T 19990807; DE 9902472 W 19990807; EP 99952329 A 19990807; JP 2000584195 A 19990807; KR 20007007890 A 20000719; US 11365502 A 20020328; US 60071300 A 20000922