

Title (en)  
DEVICE FOR ASSEMBLING AND DISMANTLING A FUEL INJECTION VALVE

Title (de)  
MONTAGEVORRICHTUNG ZUR MONTAGE UND DEMONTAGE EINES BRENNSTOFFEINSPRITZVENTILS

Title (fr)  
DISPOSITIF POUR LE MONTAGE ET LE DEMONTAGE D'UNE SOUPAPE D'INJECTION DE CARBURANT

Publication  
**EP 1055064 B1 20040324 (DE)**

Application  
**EP 99973424 A 19990930**

Priority  
• DE 9903144 W 19990930  
• DE 19857474 A 19981214

Abstract (en)  
[origin: DE19857474A1] A device (1) for assembling and dismantling a fuel injection valve (2) in a receiving bore hole (3) of a cylinder head (4) in an internal combustion engine. The inventive device consists of two engaging elements (9, 10) that engage with the fuel injection valve (2). A respective downwards holding surface is formed on the elastic engaging elements (9, 10) in order to transmit a downwards holding force to the fuel injection valve (2), in addition to a recess (17, 18) with which an engaging lug (19, 20) of the fuel injection valve (2) engages in order to transmit a dismantling force to the fuel injection valve (2).

IPC 1-7  
**F02M 61/14**

IPC 8 full level  
**F02F 1/24** (2006.01); **F02M 61/14** (2006.01); **F02M 61/16** (2006.01)

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**F02M 61/04** (2013.01 - KR); **F02M 61/14** (2013.01 - EP US); **Y10T 137/6109** (2015.04 - EP US); **Y10T 137/6116** (2015.04 - EP US)

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**DE 19857474 A1 20000615**; DE 59908954 D1 20040429; EP 1055064 A1 20001129; EP 1055064 B1 20040324; JP 2002532654 A 20021002; KR 20010040886 A 20010515; US 6553969 B1 20030429; WO 0036296 A1 20000622

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