

Title (en)  
FUEL INJECTION VALVE DEVICE

Title (de)  
KRAFTSTOFFEINSPRITZVENTILEINRICHTUNG

Title (fr)  
DISPOSITIF À SOUPAPE D'INJECTION DE CARBURANT

Publication  
**EP 2084391 B1 20110413 (DE)**

Application  
**EP 07819977 A 20070828**

Priority  
• EP 2007058914 W 20070828  
• DE 102006049830 A 20061023

Abstract (en)  
[origin: DE102006049830A1] The device has a valve piston end (41) including a blind hole (54) extending in an axial direction, where the piston end is opened to a valve control chamber (48). The blind hole extends in an area of a guiding section (39), where the blind hole is formed by a central blind hole. The chamber and the guiding section are provided in a common recess (38) of a housing body. Fuel inlet and outlet channels (50, 49) are started from the recess that has a shape of a straight circular cylinder. The piston end is guided in an axial direction in the guiding section.

IPC 8 full level  
**F02M 47/02** (2006.01); **F02M 63/00** (2006.01); **F02M 63/02** (2006.01)

CPC (source: EP)  
**F02M 47/027** (2013.01); **F02M 63/0031** (2013.01); **F02M 63/0077** (2013.01); **F02M 2200/16** (2013.01); **F02M 2547/003** (2013.01)

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