

Title (en)
FUEL INJECTION VALVE

Title (de)
BRENNSTOFFEINSPRITZVENTIL

Title (fr)
SOUPAPE D'INJECTION DE CARBURANT

Publication
EP 1327066 A2 20030716 (DE)

Application
EP 01986742 A 20011010

Priority
• DE 0103846 W 20011010
• DE 10050055 A 20001010

Abstract (en)
[origin: DE10050055A1] The valve (1) includes a valve closing body (4) linked to a valve needle (3) and acting with the valve seat surface (6) of a valve seat body (5). The spiral-creating element is downstream of the sealing seat with its central axis enclosing an angle other than zero with the central axis (39) of the valve. A threaded rod (36) is pressed into the valve seat body to serve as a spiral forming element.

IPC 1-7
F02M 51/00

IPC 8 full level
F02M 51/06 (2006.01); **F02M 51/08** (2006.01); **F02M 61/12** (2006.01); **F02M 61/16** (2006.01); **F02M 61/18** (2006.01)

CPC (source: EP US)
F02M 51/0671 (2013.01 - EP US); **F02M 61/12** (2013.01 - EP US); **F02M 61/162** (2013.01 - EP US); **F02M 61/168** (2013.01 - EP US);
F02M 61/1846 (2013.01 - EP US); **F02M 61/1853** (2013.01 - EP US)

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RU 2002117416 A 20040410; US 2003111562 A1 20030619; US 6851629 B2 20050208; WO 0231343 A2 20020418; WO 0231343 A3 20020718

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