

Title (en)

FUEL-INJECTOR COMPRISING A CONNECTING AREA THAT CAN WITHSTAND HIGH PRESSURE

Title (de)

KRAFTSTOFFINJEKTOR MIT HOCHDRUCKFESTEM ANSCHLUSSBEREICH

Title (fr)

INJECTEUR DE CARBURANT COMPRENANT UNE ZONE DE RACCORDEMENT RESISTANT A HAUTE PRESSION

Publication

EP 1527272 B1 20101117 (DE)

Application

EP 03724837 A 20030318

Priority

- DE 0300882 W 20030318
- DE 10234909 A 20020731

Abstract (en)

[origin: DE10234909A1] The fuel injector has an injector body (2) with a side connector (6) with connection region (5) and inner endface (7). An inflow boring runs from the endface to a valve cavity (14) and a jet supply boring. A sector (9.1) of the inflow boring runs through the connection region, and is at an angle (30) to the body axis (19).

IPC 8 full level

F02M 47/02 (2006.01); **F02M 61/16** (2006.01)

CPC (source: EP KR)

F02M 47/02 (2013.01 - KR); **F02M 47/027** (2013.01 - EP); **F02M 55/008** (2013.01 - EP); **F02M 61/16** (2013.01 - EP KR); **F02M 61/168** (2013.01 - EP); **F02M 2200/03** (2013.01 - EP)

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

DE 10234909 A1 20040219; DE 50313269 D1 20101230; EP 1527272 A1 20050504; EP 1527272 B1 20101117; JP 2005534861 A 20051117; JP 4340231 B2 20091007; KR 100970298 B1 20100716; KR 20050026036 A 20050314; WO 2004016937 A1 20040226

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DE 10234909 A 20020731; DE 0300882 W 20030318; DE 50313269 T 20030318; EP 03724837 A 20030318; JP 2004528284 A 20030318; KR 20057001584 A 20030318