Title (en)

FUEL INJECTION VALVE AND METHOD FOR PRODUCING A VALVE SEAT FOR A FUEL INJECTION VALVE

Title (de)

BRENNSTOFFEINSPRITZVENTIL UND VERFAHREN ZUR HERSTELLUNG EINES VENTILSITZES FÜR EIN BRENNSTOFFEINSPRITZVENTIL

Title (fr)

SOUPAPE D'INJECTION DE CARBURANT ET PROCÉDÉ DE FABRICATION D'UN SIÈGE DE SOUPAPE POUR UNE SOUPAPE D'INJECTION DE CARBURANT

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2008068104A1] The invention relates to a fuel injection valve which has a valve seat body (16) having a fixed valve seat face (29), wherein a valve closing body (7) interacts with the valve seat (29) for opening and closing the valve. The valve seat body (16) is accommodated in a longitudinal opening (3) of a valve seat carrier (1) and is connected fixedly to the latter. An atomizer attachment (121) is galvanically formed directly on a lower end surface (17) of the valve seat body (16) in a bonded manner. At least one ejection opening (125) which preferably widens in the manner of a funnel in the downstream direction is provided in the atomization attachment (121). The fuel injection valve is suitable, in particular, for use in fuel injection systems of mixture-compressing spark-ignition internal combustion engines.

IPC 8 full level

F02M 61/18 (2006.01)

CPC (source: EP US)

F02M 61/1806 (2013.01 - EP US); **F02M 61/1853** (2013.01 - EP US); Y10T 29/49401 (2015.01 - EP US)

Citation (search report)

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