

Title (en)
FUEL INJECTOR HAVING A HIGH PRESSURE INLET

Title (de)
KRAFTSTOFFINJEKTOR MIT HOCHDRUCKZULAUF

Title (fr)
INJECTEUR DE CARBURANT COMPRENANT UNE AMENÉE À HAUTE PRESSION

Publication
EP 2304219 A1 20110406 (DE)

Application
EP 09779486 A 20090515

Priority
• EP 2009055891 W 20090515
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Abstract (en)
[origin: WO2010006828A1] The invention relates to a fuel injector for the operation of an internal combustion engine, having an injector body (1), wherein an inlet bore (2) connects a conical pressure connection (3) to a valve space (4) for supplying highly pressurized fuel, wherein the valve space (4) is placed along a longitudinal center axis of the injector body (1) and above a nozzle needle, wherein the inlet bore (2) further has a fan-shaped contour starting at the conical pressure connection (3) along the extension thereof, said contour having a fan angle (a) and a variable cross-section in the shape similar to an elongated hole.

IPC 8 full level
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Citation (search report)
See references of WO 2010006828A1

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