

Title (en)

Fuel injector and engine including such an injector

Title (de)

Brennstoffeinspritzventil und Brennkraftmaschine mit einem solchen

Title (fr)

Injecteur de carburant et moteur comprenant un tel injecteur

Publication

EP 1686260 A1 20060802 (FR)

Application

EP 06290133 A 20060119

Priority

FR 0500820 A 20050126

Abstract (en)

The injector has a spraying head (6) with three orifice groups, each having two orifices extending from internal outlets to external outlets located on a cylindrical portion (6d). The orifices spray fuel jets along respective directions which form an acute angle such that the jets intercept into a point remote from the portion. The internal outlets of the orifices are placed in a same plane (P) transversal to a central axis of the head. An independent claim is also included for a diesel engine having a fuel injector.

IPC 8 full level

F02M 61/18 (2006.01)

CPC (source: EP US)

F02M 61/1813 (2013.01 - EP US)

Citation (search report)

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- [A] DE 10210976 A1 20030925 - BOSCH GMBH ROBERT [DE]
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Designated contracting state (EPC)

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EP 1686260 A1 20060802; BR PI0600177 A 20070717; CN 100494668 C 20090603; CN 1811160 A 20060802; FR 2881185 A1 20060728; US 2006169804 A1 20060803; US 7121480 B2 20061017

DOCDB simple family (application)

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