

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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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

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