Title (en)
Injection nozzle for injecting fuel

Title (de)
Einspritzdüse zum Einspritzen von Brennstoff

Title (fr)
Injecteur destiné à l'injection de carburant

Publication
EP 2031237 B1 20100929 (DE)

Application
EP 08160784 A 20080721

Priority
• EP 07115450 A 20070831
• EP 08160784 A 20080721

Abstract (en)
[origin: EP2031237A1] The nozzle (10) has a nozzle head (3) with nozzle outlets (4.1, 4.2) for injecting fuel into a combustion chamber of a diesel engine. An injection valve has a valve needle (6) and a valve seat (7), which is connected with the outlets by passages (5.1, 5.2). The valve seat cooperates with the valve needle for controlling fuel supply to the outlets. An emptying device e.g. compressed air reservoir (15), is provided for emptying the passages. A line (17) is connected with the emptying device and maintains connection with one passage to empty the passage during closing the injection valve.

IPC 8 full level
F02M 61/16 (2006.01); **F02M 61/18** (2006.01)

CPC (source: EP KR)
F02M 47/027 (2013.01 - EP); **F02M 55/002** (2013.01 - EP); **F02M 61/10** (2013.01 - KR); **F02M 61/16** (2013.01 - KR);
F02M 61/18 (2013.01 - EP KR); **F02M 63/0047** (2013.01 - EP); **F02M 63/0049** (2013.01 - EP); F02M 61/182 (2013.01 - EP);
F02M 63/0215 (2013.01 - EP)

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Designated contracting state (EPC)
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DOCDB simple family (publication)
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