

Title (en)
Fuel injector valve

Title (de)
Brennstoffeinspritzventil

Title (fr)
Soupape d'injection de combustible

Publication
EP 2642110 B1 20150422 (DE)

Application
EP 13155086 A 20130213

Priority
DE 102012204482 A 20120321

Abstract (en)
[origin: EP2642110A1] The valve (1) has a nozzle needle (4) arranged with a die body (3), and an actuator (6) performing indirect actuation of the nozzle needle. Two spraying holes (16, 17) are formed along a longitudinal axis (18) of the nozzle body and spaced apart from a hub of the nozzle needle at one end (15) of a nozzle body. The nozzle needle releases one of the spraying holes starting from a stroke (23) of the nozzle needle. The nozzle needle releases the other spraying hole starting from another stroke (24) that is greater than the former stroke of the nozzle needle.

IPC 8 full level
F02M 61/08 (2006.01); **F02M 45/08** (2006.01); **F02M 51/06** (2006.01); **F02M 61/12** (2006.01); **F02M 61/18** (2006.01)

CPC (source: EP)
F02M 45/08 (2013.01); **F02M 51/0603** (2013.01); **F02M 61/08** (2013.01); **F02M 61/12** (2013.01); **F02M 61/182** (2013.01);
F02M 2200/705 (2013.01)

Cited by
WO2022199947A1

Designated contracting state (EPC)
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