

Title (en)
CONTROL VALVE ARRANGEMENT

Title (de)
STEUERVENTILANORDNUNG

Title (fr)
AGENCEMENT DE VANNE DE COMMANDE

Publication
EP 3183450 A1 20170628 (EN)

Application
EP 15729168 A 20150616

Priority

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- EP 2015063396 W 20150616

Abstract (en)
[origin: WO2016026595A1] A control valve arrangement (12) of a fuel injector (10) comprises a bore (18) in which a piston (16) is slidably arranged, the piston piloting injection events and the bore opening in direct and unrestricted fluid communication into a first control chamber (24). The arrangement comprises a further fluid communication path from a high pressure line (20) to a second control chamber (68), the further fluid communication path comprising, for example, a clearance, a channel or a bypass orifice.

IPC 8 full level
F02M 47/02 (2006.01); **F02M 63/00** (2006.01)

CPC (source: EP)
F02M 47/027 (2013.01); **F02M 63/0026** (2013.01); **F02M 63/0035** (2013.01); **F02M 2547/008** (2013.01)

Citation (search report)
See references of WO 2016026595A1

Cited by
WO2020260285A1

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Designated extension state (EPC)
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WO 2016026595 A1 20160225; CN 106795841 A 20170531; CN 106795841 B 20191112; EP 3183450 A1 20170628; EP 3183450 B1 20180815; GB 201414669 D0 20141001; KR 102293596 B1 20210826; KR 20170041882 A 20170417

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EP 2015063396 W 20150616; CN 201580044507 A 20150616; EP 15729168 A 20150616; GB 201414669 A 20140819; KR 20177006756 A 20150616