

Title (en)  
FUEL SUPPLY CONTROL DEVICE

Title (de)  
KRAFTSTOFFVERSORGUNGSSTEUERUNGSVORRICHTUNG

Title (fr)  
DISPOSITIF DE COMMANDE D'ALIMENTATION EN CARBURANT

Publication  
**EP 2942517 A1 20151111 (EN)**

Application  
**EP 15162354 A 20150402**

Priority  
JP 2014085454 A 20140417

Abstract (en)  
A first electromagnetic valve (100) closes an inflow port (121) and that a plunger (11) slides in a pump chamber (12), thereby compressing fuel flowing into the pump chamber (12) and discharging the fuel to the outside. The fuel supply control device includes a number-of-revolutions sensor (51) for sensing the number of revolutions (R) of a camshaft (8). In a case where a discharge instruction signal is not turned on and where the number of revolutions (R) sensed by the number-of-revolutions sensor (51) is not less than a specified number of revolutions (Rth), even in a case where the fuel does not need to be discharged to the outside, a controller (5) closes the first electromagnetic valve (100) in such a way that the plunger 11 compresses the fuel.

IPC 8 full level  
**F02M 59/36** (2006.01); **F02D 41/38** (2006.01); **F02M 59/10** (2006.01); **F02M 59/46** (2006.01); **F02M 63/00** (2006.01); **F02M 63/02** (2006.01); **F04B 49/24** (2006.01)

CPC (source: EP)  
**F02D 41/3845** (2013.01); **F02M 59/102** (2013.01); **F02M 59/368** (2013.01); **F02M 59/466** (2013.01); **F02M 63/025** (2013.01); **F04B 49/24** (2013.01); **F02D 2200/0602** (2013.01); **F02D 2200/0604** (2013.01); **F02D 2200/101** (2013.01); **F02M 2200/247** (2013.01)

Citation (applicant)  
JP 2011202549 A 20111013 - HITACHI AUTOMOTIVE SYSTEMS LTD

Citation (search report)  
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• [XY] DE 102010061810 A1 20120524 - BOSCH GMBH ROBERT [DE]  
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Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

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