

Title (en)  
SOLENOID VALVE

Title (de)  
MAGNETVENTIL

Title (fr)  
ELECTROVANNE

Publication  
**EP 3074624 A1 20161005 (DE)**

Application  
**EP 14802890 A 20141125**

Priority  
• DE 102013224395 A 20131128  
• EP 2014075575 W 20141125

Abstract (en)  
[origin: WO2015078876A1] Disclosed is a dosing unit (35) for a fuel injection system, comprising a solenoid valve (5) that includes an armature pin (16) which is mounted in two bearings (17a, 17b) and which cooperates with a fluid valve (22) of the dosing unit (35). The aim of the invention is to provide a fail-safer solenoid valve (5). In order to achieve said aim, the bearings (17a, 17b) are connected to a fuel-conducting region of the fluid valve (22) via a connection, and fuel is forced through the bearings under the control of the armature pin (16).

IPC 8 full level  
**F02M 59/36** (2006.01); **F02M 63/00** (2006.01)

CPC (source: EP)  
**F02M 59/366** (2013.01); **F02M 63/0078** (2013.01); **F02M 2200/02** (2013.01)

Citation (search report)  
See references of WO 2015078876A1

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

DOCDB simple family (publication)  
**DE 102013224395 A1 20150528**; CN 105793552 A 20160720; CN 105793552 B 20190709; EP 3074624 A1 20161005; EP 3074624 B1 20190501; WO 2015078876 A1 20150604

DOCDB simple family (application)  
**DE 102013224395 A 20131128**; CN 201480065351 A 20141125; EP 14802890 A 20141125; EP 2014075575 W 20141125