

Title (en)  
VALVE FOR DOSING A FLOWING MEDIUM

Title (de)  
VENTIL ZUM ZUMESSEN EINES STRÖMENDEN MEDIUMS

Title (fr)  
SOUPAPE DESTINÉE À DOSER UN MILIEU EN ÉCOULEMENT

Publication  
**EP 2745002 B1 20181219 (DE)**

Application  
**EP 12729163 A 20120626**

Priority  
• DE 102011081176 A 20110818  
• EP 2012062303 W 20120626

Abstract (en)  
[origin: WO2013023825A1] The invention relates to a valve for dosing a flowing, for example gaseous or liquid, medium, in particular to a fuel injection valve for combustion engines, which comprises a valve housing (11) having an inlet (17) for the medium, a valve body (12) having a dosing opening (13) for the medium, a joining site (18) between the valve housing (11) and the valve body (12), and a gasket (20) which seals the joining site (18). To ensure a reliable and tear resistant gasket (20), in which the material of the valve housing (11) and of the valve body (12) can be freely selected, the gasket (20) comprises a clamping ring (19) which covers the joining site (18), and which rests with force fit on mutually facing end sections of the valve housing (11) and of the valve body (12) on the joining site (18).

IPC 8 full level  
**F02M 51/06** (2006.01); **F02M 61/16** (2006.01)

CPC (source: EP KR US)  
**F02M 51/0603** (2013.01 - EP KR US); **F02M 61/167** (2013.01 - EP KR US); **F02M 61/168** (2013.01 - EP KR US);  
**F02M 63/0005** (2013.01 - KR US); **F02M 2200/00** (2013.01 - US); **F02M 2200/16** (2013.01 - KR US); **F02M 2200/803** (2013.01 - KR US);  
**F02M 2200/8053** (2013.01 - KR US); **F02M 2200/9038** (2013.01 - KR)

Citation (examination)  
DE 19705227 A1 19980813 - BOSCH GMBH ROBERT [DE]

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

DOCDB simple family (publication)  
**DE 102011081176 A1 20130221**; CN 103748350 A 20140423; EP 2745002 A1 20140625; EP 2745002 B1 20181219;  
JP 2014521883 A 20140828; JP 6033306 B2 20161130; KR 20140049556 A 20140425; US 2014299805 A1 20141009;  
US 9976531 B2 20180522; WO 2013023825 A1 20130221

DOCDB simple family (application)  
**DE 102011081176 A 20110818**; CN 201280039715 A 20120626; EP 12729163 A 20120626; EP 2012062303 W 20120626;  
JP 2014525362 A 20120626; KR 20147003986 A 20120626; US 201214239507 A 20120626