

Title (en)

Fuel measuring unit for a fuel pump

Title (de)

Kraftstoffzumesseinheit für eine Kraftstoffpumpe

Title (fr)

Unité de mesure de carburant pour une pompe à carburant

Publication

EP 2187037 B1 20120229 (DE)

Application

EP 09173591 A 20091021

Priority

DE 102008043798 A 20081117

Abstract (en)

[origin: EP2187037A1] The unit has a regulating valve that is actuated by an electromagnet, where the electromagnet moves an anchor bolt by magnetic force. The anchor bolt is mounted on a bearing bush (52) in an axially adjustable manner, where an axial groove (56) is provided in the bearing bush. The axial groove is arranged at an outer side or an inner side of the bearing bush. An inner side of the bearing bush is cylindrically arranged in regions and works as a bearing surface (55) for the anchor bolt in the regions.

IPC 8 full level

F02M 59/36 (2006.01); **F02M 59/46** (2006.01); **F02M 63/00** (2006.01)

CPC (source: EP)

F02M 59/36 (2013.01); **F02M 59/466** (2013.01); **F02M 63/0015** (2013.01); **F02M 63/004** (2013.01)

Cited by

DE102011013702A1; WO2012123086A1; CN103147891A; EP2944795A1; EP2873849A1; US9739203B2; DE102011013702A8; CN103597557A; DE102011013702B4; WO2016012143A1; WO2015028279A1; WO2016192889A1; US9523437B2

Designated contracting state (EPC)

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 SE SI SK SM TR

DOCDB simple family (publication)

EP 2187037 A1 20100519; EP 2187037 B1 20120229; AT E547619 T1 20120315; DE 102008043798 A1 20100520

DOCDB simple family (application)

EP 09173591 A 20091021; AT 09173591 T 20091021; DE 102008043798 A 20081117