

Title (en)

METHOD AND DEVICE FOR CONTROLLING A METERING CONTROL VALVE

Title (de)

VERFAHREN UND VORRICHTUNG ZUR ANSTEUERUNG EINES MENGENSTEUERVENTILS

Title (fr)

PROCÉDÉ ET DISPOSITIF DE PILOTAGE D'UNE VANNE DE CONTRÔLE DU DÉBIT

Publication

**EP 2501917 B1 20190123 (DE)**

Application

**EP 10773030 A 20101021**

Priority

- DE 102009046783 A 20091117
- EP 2010065873 W 20101021

Abstract (en)

[origin: WO2011061038A1] The invention relates to a method for controlling a rate control valve (30), at least two characteristic variables (102, 104) characterizing said rate control valve, wherein a control signal supplied to the rate control valve is defined by at least two parameters and, based on the result of a first and a second adaption (90, 92) or based on the result of a first adaption (90) and a first characteristic variable (102), an additional characteristic variable (104) is determined.

IPC 8 full level

**F02D 41/24** (2006.01); **F02D 41/20** (2006.01)

CPC (source: EP KR US)

**F02D 41/20** (2013.01 - KR); **F02D 41/2464** (2013.01 - EP KR US); **F02D 41/2467** (2013.01 - EP KR US); **F02D 41/248** (2013.01 - EP KR US); **F02D 41/3845** (2013.01 - KR); **F02M 59/366** (2013.01 - KR); **F02M 63/0225** (2013.01 - KR); **F02D 41/20** (2013.01 - EP US); **F02D 41/3845** (2013.01 - EP US); **F02D 2041/2027** (2013.01 - EP KR US); **F02D 2041/2051** (2013.01 - EP KR US); **F02D 2041/2058** (2013.01 - EP KR US); **F02D 2200/0602** (2013.01 - EP KR US); **F02M 59/366** (2013.01 - EP US); **F02M 63/0225** (2013.01 - EP US)

Citation (examination)

WO 2010066675 A1 20100617 - BOSCH GMBH ROBERT [DE], et al

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 102009046783 A1 20110519**; CN 102686859 A 20120919; CN 102686859 B 20160817; EP 2501917 A1 20120926; EP 2501917 B1 20190123; IN 2190DEN2012 A 20150821; KR 101731135 B1 20170427; KR 20120102636 A 20120918; US 2012283883 A1 20121108; US 9026337 B2 20150505; WO 2011061038 A1 20110526

DOCDB simple family (application)

**DE 102009046783 A 20091117**; CN 201080051869 A 20101021; EP 10773030 A 20101021; EP 2010065873 W 20101021; IN 2190DEN2012 A 20120313; KR 20127012650 A 20101021; US 201013508807 A 20101021