

Title (en)  
METHOD FOR CALIBRATING A REGULATING VALVE

Title (de)  
VERFAHREN ZUR KALIBRIERUNG EINES REGELVENTILS

Title (fr)  
PROCÉDÉS D'ÉTALONNAGE D'UNE SOUPAPE DE RÉGULATION

Publication  
**EP 3227639 A1 20171011 (DE)**

Application  
**EP 15794084 A 20151021**

Priority  
• DE 102014117988 A 20141205  
• EP 2015074287 W 20151021

Abstract (en)  
[origin: WO2016087114A1] Methods for calibrating a regulating valve (16), having a permanent magnet (20) which is moved with a regulating body (24) of the regulating valve (16), and having a contactless position sensor (14) which is arranged fixedly in a housing of the regulating valve (16) and in which a voltage is generated which is dependent on the magnetic field, acting thereon, of the permanent magnet (20), are known. In order to be able to regulate a gas flow by way of the regulating valve with relatively high accuracy and speed, it is proposed that, during the calibration, every voltage generated at the position sensor (14) by adjustment of the regulating body (24) of the regulating valve (16) is assigned a throughput of the regulating valve (16).

IPC 8 full level  
**F16K 37/00** (2006.01); **G01D 3/02** (2006.01); **G01D 18/00** (2006.01); **G05D 7/06** (2006.01)

CPC (source: EP)  
**F16K 37/0033** (2013.01); **F16K 37/0083** (2013.01); **F16K 37/0091** (2013.01); **G01D 3/022** (2013.01); **G01D 18/002** (2013.01)

Citation (search report)  
See references of WO 2016087114A1

Citation (examination)  
• DE 10243412 A1 20040401 - KERN TECHNIK GMBH & CO KG [DE]  
• US 6178956 B1 20010130 - STEINMANN CHRISTIAN [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

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DOCDB simple family (publication)  
**WO 2016087114 A1 20160609**; DE 102014117988 A1 20160609; EP 3227639 A1 20171011

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**EP 2015074287 W 20151021**; DE 102014117988 A 20141205; EP 15794084 A 20151021