

Title (en)
METHOD FOR DETERMINING A MEASUREMENT VARIABLE

Title (de)
VERFAHREN ZUR BESTIMMUNG EINER MESSGRÖßE

Title (fr)
PROCÉDÉ DE DÉTERMINATION D'UNE GRANDEUR DE MESURE

Publication
EP 3231093 A1 20171018 (DE)

Application
EP 15804496 A 20151203

Priority
• DE 102014225112 A 20141208
• EP 2015078494 W 20151203

Abstract (en)
[origin: WO2016091710A1] The invention relates to a method for determining a measurement variable (Q), characterized by the following steps: providing a model (M) of a circuit (DAC) having at least one parameter (tau, lmax); actuating the circuit (DAC) by way of a preset signal (H), and detecting values (I1, I2, I3) of a manipulated variable (I) generated by the circuit in n discrete points in time (t1, t2, t3), and determining a value (tauDAC, lmaxDAC) of the at least one Parameter (tau, lmax) on the basis of the detected values (I1, I2, I3) of the manipulated variable (I) generated by the circuit (DAC); detecting values (J1, J2) of a variable (J) influenced by the circuit (DAC) in m discrete points in time (T1, T2), and determining the measurement variable (Q) from the measurement values (J1, J2) of the variable (J) influenced by the circuit (DAC), taking into account the model (M) of the circuit (DAC).

IPC 8 full level
H03M 1/00 (2006.01); **H03M 1/10** (2006.01); **H03M 1/66** (2006.01)

CPC (source: EP)
H03M 1/001 (2013.01); **H03M 1/1009** (2013.01); **H03M 1/66** (2013.01)

Citation (search report)
See references of WO 2016091710A1

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 102014225112 A1 20160609; EP 3231093 A1 20171018; JP 2017537553 A 20171214; WO 2016091710 A1 20160616

DOCDB simple family (application)
DE 102014225112 A 20141208; EP 15804496 A 20151203; EP 2015078494 W 20151203; JP 2017530678 A 20151203