Title (en)

CIRCUIT CONFIGURATION AND METHOD FOR ADJUSTING THE SWITCHING POINTS OF A DECISION MODULE

Title (de)

SCHALTUNGSANORDNUNG UND VERFAHREN ZUM EINSTELLEN VON SCHALTPUNKTEN EINES ENTSCHEIDERS

Title (fr)

CIRCUIT ET PROCEDE POUR AJUSTER DES POINTS DE COMMUTATION D'UN SYSTEME DE DECISION

Publication

EP 1116076 A2 20010718 (DE)

Application

EP 99969802 A 19990928

Priority

- DE 9903118 W 19990928
- DE 19844663 A 19980929

Abstract (en)

[origin: DE19844663A1] The invention relates to a circuit configuration for calibrating the switching points of a decision module that is controlled by an analog input signal, in dependence on a direct component contained in the input signal in addition to an alternating component, comprising the following: peak detectors for detecting the upper and lower signal peaks of the input signal; a controllable reference unit for providing a reference value; an arithmetic unit for determining the mean value; a comparison unit; a control unit for compensating the direct component of the input signal and a second control unit which is connected downstream of the comparison unit on the input side and is connected to the reference unit on the output side for inversely correcting the reference value.

IPC 1-7

G05B 1/00

IPC 8 full level

G01B 7/00 (2006.01); **G01D 5/244** (2006.01); **G01D 5/245** (2006.01); **G01P 3/488** (2006.01); **G01P 3/489** (2006.01); **H03K 5/08** (2006.01); **H03K 5/153** (2006.01)

CPC (source: EP KR US)

G01P 3/488 (2013.01 - EP US); **G01P 3/489** (2013.01 - EP US); **H03K 5/086** (2013.01 - EP US); **H03K 5/153** (2013.01 - EP US); **H03K 17/00** (2013.01 - KR)

Citation (search report)

See references of WO 0019282A2

Cited by

EP1288554A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

DE 19844663 A1 20000406; **DE 19844663 C2 20000921**; EP 1116076 A2 20010718; JP 2002526747 A 20020820; JP 3638520 B2 20050413; KR 20010079956 A 20010822; US 2001043151 A1 20011122; US 6462683 B2 20021008; WO 0019282 A2 20000406; WO 0019282 A3 20000608

DOCDB simple family (application)

DE 19844663 A 19980929; DE 9903118 W 19990928; EP 99969802 A 19990928; JP 2000572728 A 19990928; KR 20017004024 A 20010329; US 82203101 A 20010329