

Title (en)

METHOD FOR DETERMINING A SWITCHING POINT WHEN EVALUATING THE SIGNALS OF A MAGNETIC SENSOR ARRAY

Title (de)

VERFAHREN ZUR BESTIMMUNG EINES SCHALTPUNKTES BEI DER AUSWERTUNG DER SIGNALE EINER MAGNETSENSORANORDNUNG

Title (fr)

PROCEDE POUR DETERMINER UN POINT DE COMMUTATION LORS DE L'ANALYSE DES SIGNAUX D'UN ENSEMBLE CAPTEUR MAGNETIQUE

Publication

EP 1828723 A1 20070905 (DE)

Application

EP 05801731 A 20051017

Priority

- EP 2005055288 W 20051017
- DE 102004060300 A 20041215
- DE 102005027362 A 20050614

Abstract (en)

[origin: WO2006063883A1] Disclosed is a method for determining a switching point in a magnetic sensor array. According to said method, the switching edges in the magnetic sensor array (1) caused by a moved transmitter element (1) are evaluated by the fact that a signal is output when a threshold value is exceeded or is not reached. The output signal (110) of the magnetic sensor array is analyzed within a predefined time slot of the signal range, and an optimal switching point (E, F) regarding the slope (111) and/or the position in the zero crossing zone of the oscillation of the output signal (110) is determined.

IPC 8 full level

G01D 5/244 (2006.01)

CPC (source: EP)

G01D 5/2448 (2013.01)

Citation (search report)

See references of WO 2006063883A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

DE 102005027362 A1 20060622; EP 1828723 A1 20070905; WO 2006063883 A1 20060622

DOCDB simple family (application)

DE 102005027362 A 20050614; EP 05801731 A 20051017; EP 2005055288 W 20051017