

Title (en)

Device for creating electrically evaluable control signals

Title (de)

Einrichtung zur Erzeugung von elektrisch auswertbaren Steuersignalen

Title (fr)

Dispositif destiné à la production de signaux de commande électriques utilisables

Publication

EP 2017688 A3 20111123 (DE)

Application

EP 07011844 A 20070616

Priority

EP 07011844 A 20070616

Abstract (en)

[origin: US2008311993A1] In a device (1) for generating control signals that can be evaluated electrically, which are generated by the manual actuation of a joystick (4) inserted in a housing (3) of the device (1) and which can be deflected in various movement directions, it is intended to ensure that exclusively intended control movements of the joystick are transferred without imposing any physical strain on the user when the user operates the joystick. Furthermore, the operating safety of the device or the electrical circuit should be capable of being checked and guaranteed throughout the entire service life. This task is accomplished in that one or more sensor switches (11) are integrated in the outer jacket surface of the joystick (4), each of these can trigger a check signal (13) and the device (1) can be activated by the check signal (13) or check signals (13).

IPC 8 full level

G05G 1/06 (2006.01); **G05G 5/00** (2006.01); **G05G 9/047** (2006.01)

CPC (source: EP US)

G05G 1/06 (2013.01 - EP US); **G05G 5/005** (2013.01 - EP US); **G05G 2009/04774** (2013.01 - EP US)

Citation (search report)

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- [X] FR 2880700 A1 20060714 - BOSCH REXROTH D S I SOC PAR AC [FR]
- [X] WO 0161431 A1 20010823 - JLG IND INC [US]
- [X] FR 2557711 A1 19850705 - BSO STEUERUNGSTECHNIK GMBH [DE]
- [X] EP 1353256 A1 20031015 - GESSMANN GMBH W [DE]
- [A] DE 19934186 A1 20010125 - WACKER WERKE KG [DE]

Cited by

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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 MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

US 2008311993 A1 20081218; EP 2017688 A2 20090121; EP 2017688 A3 20111123; EP 2017688 B1 20120606

DOCDB simple family (application)

US 15766308 A 20080612; EP 07011844 A 20070616