

Title (en)

Switch device, particularly for generating feedback signals, such as position and/or limit stop signals

Title (de)

Schaltvorrichtung, insbesondere zur Erzeugung von Rückmeldungssignalen, wie Positions- und/oder Grenzstoppsignale

Title (fr)

Dispositif de commutation, en particulier pour la génération de signaux de retour, tels une position ou des signaux d'arrêt

Publication

EP 2273519 B1 20151223 (EN)

Application

EP 09425265 A 20090706

Priority

EP 09425265 A 20090706

Abstract (en)

[origin: EP2273519A1] A switch device, particularly for generating feedback signals, such as position and/or limit stop signals, which device comprises at least one first contact (1), that is designed to be electrically connected to a first conductor (101) of a power line and at least one second contact (2), that is designed to be electrically connected to a second conductor (102) of said line, at least the first or at least the second contact being mounted in a displaceable fashion, so that said first and said second contacts (1,2) alternately assume a mutual adhesion position, in which adhesion position electric connection is generated between said first and said second conductors of said power line, or a mutual retraction position of said contacts (1,2), in which said two conductors (101,102) are electrically disconnected from each other. According to the invention, the first or the second contact has a contact surface, i.e. designed to adhere to the cooperating second or first contact for generating the electrical conduction state, which surface is formed of a plurality of separate contact zones (Zi), which are connected in parallel to the conductor connected to the corresponding contact, and each of which adheres independently of one another to the cooperating second or first contact.

IPC 8 full level

H01H 1/12 (2006.01); **H01H 1/50** (2006.01); **H01H 19/56** (2006.01); **H01H 1/00** (2006.01); **H01H 1/36** (2006.01); **H01H 19/08** (2006.01); **H01H 19/10** (2006.01)

CPC (source: EP)

H01H 1/12 (2013.01); **H01H 1/50** (2013.01); **H01H 19/56** (2013.01); **H01H 1/365** (2013.01); **H01H 19/08** (2013.01); **H01H 19/10** (2013.01); **H01H 2001/0005** (2013.01)

Citation (examination)

- US 1817244 A 19310804 - ADIN FOX CHARLES
- FR 594840 A 19250919
- FR 845439 A 19390823

Designated contracting state (EPC)

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 SE SI SK SM TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

EP 2273519 A1 20110112; **EP 2273519 B1 20151223**; CN 102473534 A 20120523; CN 102473534 B 20150513; DK 2273519 T3 20160321; RU 2011154778 A 20130820; RU 2550809 C2 20150520; WO 2011003716 A1 20110113

DOCDB simple family (application)

EP 09425265 A 20090706; CN 201080030531 A 20100617; DK 09425265 T 20090706; EP 2010058557 W 20100617; RU 2011154778 A 20100617