

Title (en)

CAM ROTARY SWITCH WITH DOUBLE POSITIVE BREAK CONTACTS SOLDERABLE ON AN ELECTRONIC BOARD

Title (de)

NOCKENDREHSCHALTER MIT AUF EINER ELEKTROLEITERPLATTE LÖTBAREN DOPPELTEN POSITIVEN UNTERBRECHERKONTAKTEN

Title (fr)

COMMUTATEUR ROTATIF À CAME À DOUBLE CONTACTS SOUDABLES À RUPTURE POSITIVE SUR UNE CARTE ÉLECTRONIQUE

Publication

EP 3104386 A1 20161214 (EN)

Application

EP 16172365 A 20160601

Priority

IT UB20151042 A 20150608

Abstract (en)

A cam rotary switch with double positive break contacts comprises a body including at least two components (1, 2) coupled with each other and enclosing fixed electrical contact elements (5, 6), one shaft (13) torsionally connected with a control member projecting from a first (1) of such components (1, 2), said shaft (13) having a widened extremal part (12) internal to the body of the switch and shaped in such a way as to selectively connect such fixed electrical contacts (5, 6) via the movement of movable contacts (7) internal to said body. Such fixed contacts (5, 6) co-operate with electrical connection members (33, 33K) projecting beyond the second component (2) of said body, said members (33, 33K) being suitable for being soldered on a board carrying a printed circuit (30).

IPC 8 full level

H01H 1/58 (2006.01); **H01H 19/62** (2006.01); **H01H 19/64** (2006.01); **H01R 12/58** (2011.01)

CPC (source: CN EP)

H01H 1/58 (2013.01 - CN); **H01H 1/5805** (2013.01 - EP); **H01H 19/02** (2013.01 - CN); **H01H 19/10** (2013.01 - CN); **H01H 19/626** (2013.01 - EP); **H01H 19/64** (2013.01 - EP); **H01R 12/58** (2013.01 - EP)

Citation (applicant)

- DE 102005019099 A1 20061026 - TEND TECHNOLOGY CO LTD [TW]
- US 2007235314 A1 20071011 - WONG MEMIE M M [HK], et al
- US 2007235314 A1 20071011 - WONG MEMIE M M [HK], et al

Citation (search report)

- [A] DE 102005019099 A1 20061026 - TEND TECHNOLOGY CO LTD [TW]
- [A] US 2007235314 A1 20071011 - WONG MEMIE M M [HK], et al
- [A] GB 2084404 A 19820407 - INT STANDARD ELECTRIC CORP

Cited by

EP3836177A1; EP4210082A4

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)

EP 3104386 A1 20161214; **EP 3104386 B1 20181017**; CN 106252136 A 20161221; CN 106252136 B 20190802; ES 2705626 T3 20190326

DOCDB simple family (application)

EP 16172365 A 20160601; CN 201610397704 A 20160607; ES 16172365 T 20160601