

Title (en)

MECHANICAL SWITCH TO SWITCH A LIGHT EMITTING DIODE OR ANOTHER LOAD AND METHOD OF SWITCHING

Title (de)

MECHANISCHER SCHALTER ZUM SCHALTEN EINER LEUCHTDIODE ODER EINER ANDEREN LAST UND VERFAHREN ZUM SCHALTEN

Title (fr)

COMMUTATEUR MÉCANIQUE POUR COMMUTER UNE DIODE ÉLECTROLUMINESCENTE OU UNE AUTRE CHARGE ET PROCÉDÉ DE COMMUTATION

Publication

EP 3916746 A1 20211201 (EN)

Application

EP 20176920 A 20200527

Priority

EP 20176920 A 20200527

Abstract (en)

The present disclosure describes a mechanical switch (10) to switch a light emitting diode (LED) or another load. The mechanical switch (10) includes a rocker (1) pivotally mounted with respect to a first pivot point (P1), at least one fixed electrical contact (4), and a blade (2) pivotally mounted with respect to a second pivot point (P2). The blade (2) has an electrical contact (3) connectable with the at least one fixed electrical contact (4). The rocker (1) and the blade are mechanically coupled to each other via a cam (5), a plunger and a follower (6).

IPC 8 full level

H01H 1/50 (2006.01); **H01H 3/60** (2006.01); **H01H 23/12** (2006.01)

CPC (source: EP)

H01H 1/50 (2013.01); **H01H 3/60** (2013.01); **H01H 23/12** (2013.01); **H01H 50/30** (2013.01); **H01H 50/305** (2013.01)

Citation (search report)

- [X] DE 202019103539 U1 20190821 - ABB SCHWEIZ AG [CH]
- [IA] US 6384358 B1 20020507 - HIROSE HIROYUKI [JP]
- [A] EP 3594977 A1 20200115 - ABB SCHWEIZ AG [CH]

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 3916746 A1 20211201

DOCDB simple family (application)

EP 20176920 A 20200527