

Title (en)
Relay-switch

Title (de)
Relais-Schalter

Title (fr)
Relais-interrupteur

Publication
EP 2187419 A3 20130605 (DE)

Application
EP 09014290 A 20091116

Priority
• CN 200810180907 A 20081114
• CN 200820140374 U 20081114

Abstract (en)
[origin: EP2187419A2] The switch (2) has a switch-off button (12) for actuation of a tilting mechanism (20). The tilting mechanism presses a contact element (32) against a counter contact element (34). The tilting mechanism has a locking device for generation and retention of contact pressure between the contact elements. The contact elements are used during actuation of the tilting mechanism by a switch-on button (10). The mechanism has tilting elements pivoted relative to each other. The mechanism forms a form-fit connection in a locking position of the mechanism to control pivoting of the tilting elements. An independent claim is also included for a method for connecting and/or disconnecting contacts by a relay switch.

IPC 8 full level
H01H 50/32 (2006.01); **H01H 1/50** (2006.01); **H01H 89/08** (2006.01); **H01H 71/58** (2006.01)

CPC (source: EP)
H01H 1/50 (2013.01); **H01H 50/326** (2013.01); **H01H 89/08** (2013.01); **H01H 71/58** (2013.01)

Citation (search report)
• [I] DE 19725202 A1 19981217 - KLINGER & BORN GMBH [DE]
• [A] DE 202007015207 U1 20080131 - MOELLER GMBH [DE]
• [A] DE 8908125 U1 19890824

Cited by
CN103050308A; CN103560029A; CN102568934A; CN103545146A; EP3792948A1; CN103531377A; CN110892499A; AU2018300727B2; US11205545B2; US11545311B2; WO2019011768A1; WO2021250694A1

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 2187419 A2 20100519; **EP 2187419 A3 20130605**; **EP 2187419 B1 20190508**; ES 2738528 T3 20200123; HU E045550 T2 20200128; PL 2187419 T3 20191231

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EP 09014290 A 20091116; ES 09014290 T 20091116; HU E09014290 A 20091116; PL 09014290 T 20091116