

Title (en)
A SWITCHING DEVICE

Title (de)
SCHALTVORRICHTUNG

Title (fr)
DISPOSITIF DE COMMUTATION

Publication
EP 3767660 A1 20210120 (EN)

Application
EP 20183070 A 20200630

Priority
GB 201910160 A 20190716

Abstract (en)
A switching device (1) has a housing-mounted contact (6), a movable contact (4), and a switch lock (2) with a latch (20), a latch support (22) and a latching location, wherein the switching device (1) furthermore has a switching lever (7) and a connecting rod (10) is mounted movably on the latch support (22), the connecting rod (10) comprises an end portion bearing against a first projection (11) of the switching lever (7) when the switching lever (7) is arranged in a stationary ON-position, the connecting rod (10) further comprises an actuating shoulder (29) bearing against a second projection (30) of the switching lever (7) when the hand switching lever (7) is in a non-stationary ON-position, with an actuation of the switching lever (7) for separating the contacts (4, 6) moves the connecting rod (10) and thereby releases the latching of the latching support (22) to the latch (20).

IPC 8 full level
H01H 71/52 (2006.01)

CPC (source: CN EP GB)
H01H 71/1009 (2013.01 - CN); **H01H 71/505** (2013.01 - CN GB); **H01H 71/521** (2013.01 - CN EP GB); **H01H 71/526** (2013.01 - EP)

Citation (applicant)
• US 9953777 B2 20180424 - ZIMMEL RAFFAEL [AT]
• EP 0680661 B1 19970312 - FELTEN & GUILLEAUME AG OESTER [AT]

Citation (search report)
• [Y] US 2017229260 A1 20170810 - ZIMMEL RAFFAEL [AT]
• [Y] WO 2015177144 A1 20151126 - EATON IND AUSTRIA GMBH [AT]
• [A] EP 0091040 A2 19831012 - ELLENBERGER & POENSGEN [DE]

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)
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DOCDB simple family (application)
EP 20183070 A 20200630; AU 2020204320 A 20200629; CN 202010639332 A 20200706; DK 20183070 T 20200630; ES 20183070 T 20200630; GB 201910160 A 20190716