

Title (en)  
METHOD FOR OPERATING DISCONNECTOR

Title (de)  
VERFAHREN ZUM BETRIEB EINES TRENNSCHALTERS

Title (fr)  
PROCÉDÉ DE FONCTIONNEMENT DE SECTIONNEUR

Publication  
**EP 3376518 A4 20181121 (EN)**

Application  
**EP 16863877 A 20160902**

Priority  
• JP 2015219075 A 20151109  
• JP 2016075787 W 20160902

Abstract (en)  
[origin: EP3376518A1] A disconnector operating device including a plurality of independent state detection limit switches is provided. The operating device includes: a motor (16) configured to provide driving force to a movable contactor of a disconnector body via an output shaft; an ON state motor stop limit switch (19a) and an OFF state motor stop limit switch (19b) provided around a shaft (14) and a shaft (15) configured to rotate by the driving force of the motor (16); a plurality of ON state detection limit switches (9a) and OFF state detection limit switches (9b) provided around a cam shaft (6) configured to rotate by the driving force of the motor (16).

IPC 8 full level  
**H01H 33/36** (2006.01); **H01H 3/26** (2006.01)

CPC (source: EP)  
**H01H 3/26** (2013.01); **H01H 33/36** (2013.01); **H01H 3/16** (2013.01); **H01H 3/3047** (2013.01); **H01H 3/44** (2013.01)

Citation (search report)  
• [X] CN 2512102 Y 20020918 - BEIKAI ELECTRIC CO LTD BEIJING [CN]  
• [A] KR 20120067836 A 20120626 - LSIS CO LTD [KR]  
• [A] JP H1167020 A 19990309 - MEIDENSHA ELECTRIC MFG CO LTD  
• [A] FR 2220858 A1 19741004 - SIMPLEX APPAREILS [FR]  
• See references of WO 2017081913A1

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 3376518 A1 20180919; EP 3376518 A4 20181121; EP 3376518 B1 20210505**; CN 108352269 A 20180731; CN 108352269 B 20191122; HK 1256533 A1 20190927; JP 6628809 B2 20200115; JP WO2017081913 A1 20180531; WO 2017081913 A1 20170518

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**EP 16863877 A 20160902**; CN 201680064660 A 20160902; HK 18115601 A 20181205; JP 2016075787 W 20160902; JP 2017550008 A 20160902