

Title (en)
OPERATING DEVICE FOR DISCONNECT SWITCH

Title (de)
BETÄTIGUNGSVORRICHTUNG FÜR TRENNSCHALTER

Title (fr)
DISPOSITIF DE FONCTIONNEMENT POUR UN COMMUTATEUR DE DÉCONNEXION

Publication
EP 3809436 A1 20210421 (EN)

Application
EP 18923285 A 20180618

Priority
JP 2018023172 W 20180618

Abstract (en)
The present invention provides a small and highly reliable operating device for a disconnect switch. The operating device comprises: a motor 1 capable of positive and negative rotation; a main shaft 6 that rotates in response to the output from the motor 1 to thereby drive the main contact of a connected disconnect switch; and a driven shaft 11 that rotates with the rotation of the main shaft 6. The main shaft 6 is provided with a Geneva driver 10 having a driving roller 10b, and the driven shaft 11 is provided with a Geneva wheel 12 having slots 12a, 12b, 12c allowing the driving roller 10b to move therein and thereout. The Geneva wheel 12 rotates while the driving roller 10b moves along the slots 12a, 12b, 12c with the rotation of the Geneva driver 10.

IPC 8 full level
H01H 31/02 (2006.01); **H01H 33/28** (2006.01); **H01H 33/36** (2006.01); **H01H 33/42** (2006.01); **H02B 13/035** (2006.01)

CPC (source: EP)
H01H 33/28 (2013.01); **H01H 33/36** (2013.01); **H01H 33/42** (2013.01)

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 3809436 A1 20210421; **EP 3809436 A4 20220330**; **EP 3809436 B1 20230419**; CN 112204692 A 20210108; CN 112204692 B 20231110; JP 6989700 B2 20220105; JP WO2019244224 A1 20210617; WO 2019244224 A1 20191226

DOCDB simple family (application)
EP 18923285 A 20180618; CN 201880093958 A 20180618; JP 2018023172 W 20180618; JP 2020525105 A 20180618