

Title (en)
SWITCHING DEVICE

Title (de)
SCHALTVORRICHTUNG

Title (fr)
DISPOSITIF DE COMMUTATION

Publication
EP 3844790 B1 20230301 (DE)

Application
EP 19755629 A 20190816

Priority
• DE 102018120987 A 20180828
• EP 2019072041 W 20190816

Abstract (en)
[origin: WO2020043516A1] Disclosed is a switching device (100) comprising at least one stationary contact (2, 3), a movable contact (4), an armature (5), a first permanent magnet (17), a second permanent magnet (18), and a solenoid-operated switch (19), the movable contact being movable by the armature, the first permanent magnet being fastened to the armature, and the second permanent magnet being in a set position relative to the solenoid-operated switch.

IPC 8 full level
H01H 36/00 (2006.01); **H01H 1/20** (2006.01); **H01H 50/02** (2006.01); **H01H 51/28** (2006.01)

CPC (source: EP US)
H01H 1/20 (2013.01 - EP US); **H01H 36/0006** (2013.01 - EP US); **H01H 36/0026** (2013.01 - EP); **H01H 50/023** (2013.01 - US); **H01H 50/36** (2013.01 - US); **H01H 50/60** (2013.01 - US); **H01H 51/28** (2013.01 - EP); **H01H 2050/025** (2013.01 - EP US)

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

DOCDB simple family (publication)
WO 2020043516 A1 20200305; DE 102018120987 A1 20200305; EP 3844790 A1 20210707; EP 3844790 B1 20230301; US 11955301 B2 20240409; US 2021287864 A1 20210916

DOCDB simple family (application)
EP 2019072041 W 20190816; DE 102018120987 A 20180828; EP 19755629 A 20190816; US 201917271480 A 20190816