

Title (en)
OPERATING DEVICE

Title (de)
BETRIEBSEINRICHTUNG

Title (fr)
DISPOSITIF D'ACTIONNEMENT

Publication
EP 2426686 A4 20140416 (EN)

Application
EP 09843975 A 20090427

Priority
JP 2009058270 W 20090427

Abstract (en)
[origin: EP2426686A1] To prevent generation of an unexpected load between a main body of a switch 1 and an operating device 2, to prevent breakage of a power transmission mechanism 3, and to match an open/close state of the operating device 2 with an open/close state of the main body of the switch 1. A torque limiter 10 is provided between a motor 7 and a speed reduction mechanism 11 in the operating device 2. Further, the operating device has a circuit configuration such that, after completing an open/close operation, a circuit configuration of a motor control circuit 8 is switched, and a braking current flows to resistors R1 and R2. By reducing a torque generated by the motor 7, an application load to the power transmission mechanism 3 is reduced.

IPC 8 full level
H01H 3/26 (2006.01); **H01H 3/30** (2006.01); **H01H 33/36** (2006.01); **H01H 33/40** (2006.01); **H01H 33/42** (2006.01)

CPC (source: EP)
H01H 33/36 (2013.01); **H01H 33/42** (2013.01); **H01H 33/40** (2013.01); **H01H 2003/266** (2013.01); **H01H 2300/002** (2013.01)

Citation (search report)

- [Y] US 4912380 A 19900327 - ZYLSTRA HENRY J [US], et al
- [Y] US 4713505 A 19871215 - DATE K HENRY [US], et al
- [Y] US 2575021 A 19511113 - LEITCH JOHN D, et al
- [Y] US 5804930 A 19980908 - PANTO ANDREW S [US]
- See references of WO 2010125631A1

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 TR

DOCDB simple family (publication)
EP 2426686 A1 20120307; **EP 2426686 A4 20140416**; **EP 2426686 B1 20170329**; **EP 2426686 B9 20170816**; CN 102388425 A 20120321; CN 102388425 B 20140528; JP 5269189 B2 20130821; JP WO2010125631 A1 20121025; WO 2010125631 A1 20101104

DOCDB simple family (application)
EP 09843975 A 20090427; CN 200980158677 A 20090427; JP 2009058270 W 20090427; JP 2011511202 A 20090427