

Title (en)
Electronic equipment

Title (de)
Elektronische Vorrichtung

Title (fr)
Équipement électronique

Publication
EP 1324460 A3 20050413 (EN)

Application
EP 02028850 A 20021223

Priority
JP 2001398512 A 20011227

Abstract (en)
[origin: EP1324460A2] A switch device has an operation member by which a two-pole contact part can be manually turned on or off, and actuating means by which a one-pole contact part of the two-pole contact part can be automatically turned on or off. When the two-pole contact part is manually turned on by operating the operation member, a one-pole contact part of the two-pole contact part can be turned off by actuating the actuating member, based on a driving signal outputted from a control system circuit in response to an external control signal. When the one-pole contact part is off, it can be turned on by actuating the actuating member, based on a discharge current outputted from an electricity storage circuit according to an external control signal. <IMAGE>

IPC 1-7
H02M 3/335; **H01H 51/22**

IPC 8 full level
H01H 9/20 (2006.01); **H01H 13/20** (2006.01); **H01H 13/56** (2006.01); **H02J 13/00** (2006.01); **H01H 51/22** (2006.01)

CPC (source: EP)
H01H 5/14 (2013.01); **H01H 13/568** (2013.01); **H01H 51/2245** (2013.01)

Citation (search report)
• [Y] US 2001014027 A1 20010816 - MORI TOSHIHARU [JP], et al
• [Y] US 4621246 A 19861104 - NAGAMOTO MITSUKI [JP], et al
• [A] US 4385280 A 19830524 - REISEM DANIEL E

Cited by
DE102019107222A1; WO2012107220A1; US9543072B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SI SK TR

DOCDB simple family (publication)
EP 1324460 A2 20030702; **EP 1324460 A3 20050413**; CN 1430319 A 20030716; JP 2003197064 A 20030711

DOCDB simple family (application)
EP 02028850 A 20021223; CN 02159855 A 20021227; JP 2001398512 A 20011227