

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

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DE102019107222A1; WO2012107220A1; US9543072B2

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**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