

Title (en)
Switching assembly

Title (de)
Schalteranordnung

Title (fr)
Dispositif de commutation

Publication
EP 1107270 A3 20030402 (EN)

Application
EP 00113556 A 20000627

Priority
JP 34642099 A 19991206

Abstract (en)
[origin: EP1107270A2] A switching assembly includes a switch portion having a fixed electrode and a movable electrode which are separable, a movable portion secured between a movable shaft connected to the movable electrode and a movable coil by a magnetic body, and a fixed portion having a magnetic body disposed radially inside a fixed coil disposed opposite the movable portion, thereby enabling intensification and swift establishment of magnetic fields generated between the coils. <IMAGE> <IMAGE>

IPC 1-7
H01H 33/28; **H01H 33/66**

IPC 8 full level
H01H 33/28 (2006.01); **H01H 33/66** (2006.01)

CPC (source: EP)
H01H 33/285 (2013.01); **H01H 33/666** (2013.01)

Citation (search report)
• [PX] EP 0977229 A2 20000202 - MITSUBISHI ELECTRIC CORP [JP]
• [XY] FR 2251092 A1 19750606 - BACH & CO [DE]
• [Y] EP 0800195 A2 19971008 - MITSUBISHI ELECTRIC CORP [JP]
• [X] US 4086645 A 19780425 - GORMAN JOSEPH G, et al
• [DA] JP S58103114 A 19830620 - TAIYO YUDEN KK

Cited by
EP2410553A1; EP3241225A4; CN108172452A; CN112927982A; EP4300528A4; EP4303902A4; WO2020055317A1

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EP 1107270 A2 20010613; **EP 1107270 A3 20030402**; **EP 1107270 B1 20070411**; CN 1299142 A 20010613; DE 60034297 D1 20070524;
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