

Title (en)

Power-supply switch device with detection switch

Title (de)

Schalter für Stromversorgung mit Erkennungsschalter

Title (fr)

Interrupteur pour une alimentation de puissance avec commutateur de détection

Publication

EP 1363301 A1 20031119 (EN)

Application

EP 03010704 A 20030513

Priority

JP 2002138917 A 20020514

Abstract (en)

On a bottom wall of a switch device of the present invention, a first fixed terminal with which a first movable contact point can be brought into contact, and a second fixed terminal with which a second movable contact point can be brought into contact are disposed. A housing section of a cover member is divided into first and second housing sections by a dividing wall. The first movable contact point and the first fixed terminal form a first switch section, and the second movable contact point and the second fixed terminal form a second switch section. The first switch section is disposed in the first housing section of the housing section, and the second switch section is disposed in the second housing section thereof. Thus, the size of the switch device can be reduced. <IMAGE>

IPC 1-7

H01H 13/20

IPC 8 full level

H01H 13/04 (2006.01); **H01H 1/24** (2006.01); **H01H 13/02** (2006.01); **H01H 13/06** (2006.01); **H01H 13/20** (2006.01); **H01H 1/20** (2006.01);
H01H 9/00 (2006.01)

CPC (source: EP KR)

H01H 1/242 (2013.01 - EP); **H01H 13/20** (2013.01 - EP KR); **H01H 1/2025** (2013.01 - EP); **H01H 9/0066** (2013.01 - EP);
H01H 13/06 (2013.01 - EP)

Citation (search report)

- [X] EP 0591796 A2 19940413 - BARLIAN REINHOLD [DE]
- [X] US 5994652 A 19991130 - UMEMURA HEIHACHIRO [JP]
- [X] US 3934104 A 19760120 - STOUT GLENN M
- [A] DE 7418746 U 19740905
- [A] GB 2014793 A 19790830 - TELEMECANIQUE ELECTRIQUE

Cited by

EP1662523A1

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 1363301 A1 20031119; EP 1363301 B1 20070718; CN 1232998 C 20051221; CN 1461028 A 20031210; DE 60314936 D1 20070830;
DE 60314936 T2 20080403; JP 2003331677 A 20031121; JP 4097458 B2 20080611; KR 100530721 B1 20051123;
KR 20030088871 A 20031120; TW 200401318 A 20040116; TW 594815 B 20040621

DOCDB simple family (application)

EP 03010704 A 20030513; CN 03131461 A 20030514; DE 60314936 T 20030513; JP 2002138917 A 20020514; KR 20030029270 A 20030509;
TW 92113082 A 20030514