

Title (en)
Mains socket and -switch

Title (de)
Netzstromanschlussdose und -schalter

Title (fr)
Prise et interrupteur pour le secteur

Publication
EP 0921611 A3 20010314 (DE)

Application
EP 98121647 A 19981112

Priority
AU PP068097 A 19971202

Abstract (en)
[origin: EP0921611A2] The arrangement has several plug sockets with corresponding contacts for making electrical contact with each pin of an electrical plug when inserted into the socket and several electrical input contacts electrically coupled to each electrical connecting contact to make an electrical connection between the electrical connecting contacts and a mains current supply. Each input contact is designed to contact an insulated conductor with an insulation cutting edge or surface which cuts through the insulation when the contact is moved relative to the conductor and makes electrical contact. An Independent claim is also included for a mains current switching unit.

IPC 1-7
H01R 25/00; **H01R 4/24**; **H01R 13/70**

IPC 8 full level
H01R 4/24 (2006.01); **H01R 25/00** (2006.01); **H01R 13/70** (2006.01)

CPC (source: EP US)
H01R 25/006 (2013.01 - EP US); **H01R 4/2425** (2013.01 - EP US); **H01R 13/70** (2013.01 - EP US)

Citation (search report)

- [XY] US 4223971 A 19800923 - DOLA FRANK P, et al
- [Y] GB 2256323 A 19921202 - EVER WINNER ELECTRIC WORKS LTD [HK]
- [Y] DE 9313797 U1 19950323 - KRONE AG [DE]
- [A] US 4463998 A 19840807 - REAVIS ROBERT P [US], et al

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

DOCDB simple family (publication)
EP 0921611 A2 19990609; **EP 0921611 A3 20010314**; **EP 0921611 B1 20030604**; AT E242558 T1 20030615; AU PP068097 A0 19980108; CN 1219005 A 19990609; DE 59808612 D1 20030710; DK 0921611 T3 20030804; ES 2197413 T3 20040101; JP H11250947 A 19990917; NZ 332913 A 20010427; PT 921611 E 20030930; US 6095848 A 20000801

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EP 98121647 A 19981112; AT 98121647 T 19981112; AU PP068097 A 19971202; CN 98122382 A 19981202; DE 59808612 T 19981112; DK 98121647 T 19981112; ES 98121647 T 19981112; JP 34305198 A 19981202; NZ 33291398 A 19981119; PT 98121647 T 19981112; US 20021798 A 19981125