

Title (en)

Heavy-duty electrical outlet with mechanical interlock switch.

Title (de)

Hochleistungssteckdose mit mechanischem Verriegelungsschalter.

Title (fr)

Prise à grande puissance avec interrupteur d'interverrouillage mécanique.

Publication

EP 0067128 A1 19821215 (EN)

Application

EP 82830102 A 19820422

Priority

IT 2179581 A 19810519

Abstract (en)

The object of the invention is a heavy-duty electrical outlet with mechanical interlock switch, where the multipole switch consists of single-pole breakers (5) placed side by side in a number to the polarity of the outlet, with the control levers (10) of these single-pole switches connected rigidly together so that a single opening and closing device can act simultaneously on these same switches, by rotation of a knob (12) installed outside the outlet casing and so that another device transforms the swinging movement of these levers (10) into the rotary movement of the disk (6) in the mechanical interlock assembly, permitting the plug to be inserted or removed only when the switch is open.

IPC 1-7

H01H 9/22; **H01R 13/707**

IPC 8 full level

H01H 9/22 (2006.01); **H01R 13/707** (2006.01)

CPC (source: EP)

H01H 9/22 (2013.01); **H01R 13/707** (2013.01)

Citation (search report)

- [A] DE 2924112 A1 19801218 - BBC BROWN BOVERI & CIE
- [A] US 3760132 A 19730918 - ELLSWORTH J., et al
- [A] FR 1099129 A 19550830 - REPRESENTATION POUR LE MATERIE
- [A] US 2888529 A 19590526 - PLATZ ELWOOD T
- [A] DE 1908187 A1 19700827 - ELEKTRA TAILFINGEN

Cited by

DE102006001404B3; EP2317612A1; CN102185206A; ITMI20091910A1; US7915555B2

Designated contracting state (EPC)

AT BE CH DE FR GB LI LU NL SE

DOCDB simple family (publication)

EP 0067128 A1 19821215; ES 265261 U 19821201; ES 265261 Y 19830601; IT 1136608 B 19860903; IT 8121795 A0 19810519

DOCDB simple family (application)

EP 82830102 A 19820422; ES 265261 U 19820518; IT 2179581 A 19810519