

Title (en)

Safety socket with the finger-proof contact protection fixed on the socket cover

Title (de)

Schutzkontaktsteckdose mit am Steckdosensockel befestigter Berührungsschutzvorrichtung

Title (fr)

Prise électrique ayant la protection de sécurité fixée au couvercle de la prise

Publication

EP 1333535 A3 20040324 (DE)

Application

EP 03000290 A 20030109

Priority

DE 10203894 A 20020131

Abstract (en)

[origin: EP1333535A2] The plug socket (1) has an attached physical contact protection device with a housing (3) containing spring-loaded longitudinal sliders fitting across insertion openings (7) for the plug pins, opened upon simultaneous insertion of both plug pins. The top surface of the plug socket has an angled face (5), the housing of the physical contact protection device having a corresponding wedge shape, for accommodating the wedge-shaped sliders, provided with wedge-shaped cam surfaces (8) engaged by the plug pins.

IPC 1-7

H01R 13/453; **H01R 13/50**

IPC 8 full level

H01R 13/453 (2006.01); **H01R 13/50** (2006.01)

CPC (source: EP)

H01R 13/4534 (2013.01); **H01R 13/50** (2013.01)

Citation (search report)

- [AD] DE 19849883 A1 20000504 - MERTEN GMBH & CO KG GEB [DE]
- [A] GB 826792 A 19600120 - HENRY ALLDAY & SON 1922 LTD
- [A] EP 0771051 A1 19970502 - PROFESSIONAL GENERAL ELECT [FR]
- [A] US 2740943 A 19560403 - GEOFFREY YOUNG SIDNEY
- [A] DE 2402569 A1 19750724 - BBC BROWN BOVERI & CIE

Cited by

GB2501454A; GB2501454B; US9570834B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT SE SI SK TR

DOCDB simple family (publication)

EP 1333535 A2 20030806; **EP 1333535 A3 20040324**; **EP 1333535 B1 20041222**; AT E285627 T1 20050115; DE 10203894 C1 20030430; DE 50300207 D1 20050127; NO 20030479 D0 20030130; NO 20030479 L 20030801

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