

Title (en)

Electrical outlet with protection contact.

Title (de)

Elektrische Schutzkontaktsteckdose.

Title (fr)

Prise de courant électrique munie d'un contact de protection.

Publication

EP 0109969 A2 19840613 (DE)

Application

EP 82111008 A 19821129

Priority

EP 82111008 A 19821129

Abstract (en)

1. Electrical safety socket of a concealed, surface-mounted or (multiple) appliance design for the selective insertion of two two-pin European-type flat plugs or a conventional safety plug, wherein the pole contact bush portions (1) are disposed in the region below the insert opening in the outer cover (6) inside the base portion (3) parallel to the centrally situated safety clamp and widen-out towards each end to enclose a respective additional bush for the accommodation of flat plug pins, characterised in that, to prevent the accidental insertion of a three-pin plug at right angles to the predetermined insert facility for the safety plug or for the two European-type flat plugs, a blocking slide (5) of insulating material is provided, which slides loosely over each of the two resilient arms of the pole contact bush portions (1) and is thereby guided by the rim of the corresponding base recess (2), the blocking slide being such that it is automatically deflected by the plug pins of a safety plug or of both European-type flat plugs, but effectively eliminates the possibility of a three-pin plug being inserted if such a plug is improperly inserted transversely into one of the two pole contact bush portions (1).

Abstract (de)

Um bei einer Schutzkontaktsteckdose in Unterputz-, Aufputz- oder Geräte(mehrfach-)ausführung zum wahlweisen Einstecken von zwei zweipoligen Europa-Flachsteckern an Stelle eines normalen Schutzkontaktsteckers die vorhandene Einsteckmöglichkeit für einen dreipoligen Flachstecker wirksam zu verhindern, sind zwei die Polkontaktbuchsenteile (1) lose geführt übergleitende Sperrschieber (5) aus Isolierstoff vorgesehen, die den Steckerstiften eines Schutzkontaktsteckers bzw. der beiden Europa-Flachstecker seitlich ausweichen, um bei dem unzulässigen Quereinstecken eines dreipoligen Flachsteckers mindestens eine der drei jeweils in Reihe liegenden Einstecköffnungen sicher zu blockieren.

IPC 1-7

H01R 27/00

IPC 8 full level

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CPC (source: EP)

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