

Title (en)

MULTIPLE SOCKET WITH CONTACT GIVING, MOUNTABLE COVER PLATE FOR PLUGS WITH A PROTECTIVE CONTACT AND BIPOLAR PLUGS

Publication

EP 0111756 A3 19870603 (DE)

Application

EP 83111419 A 19831115

Priority

DE 3246423 A 19821215

Abstract (en)

[origin: EP0111756A2] 1. Multiple socket with a flush-mounted wall installation box (10), a support ring (9) which is fixed in the latter, a cover plate (1b), which exhibits an earth-contact plug cup (2b) provided for the connection of a first three-pin plug with earth contact and at least one non-earth-contact plug cup (3b) provided for the connection of at least one second two-pin all-insulated plug, and an earth-contact double plug socket (4b) which is recessed in the flush-mounted wall installation box (10) and which carries two first pin base socket contacts associated with a first pole and two second pin base socket contacts associated with a second pole, pin base socket contacts of the same polarity being electrically conductively connected to one another, characterized in that in a recess (15) immediately below plug lead-throughs (14) on the non-earth-contact plug cup (3b) and within the cover plate (1b) first cover plate socket contacts (7) associated with a first pole and second cover plate socket contacts (8) associated with a second pole are arranged, the cover plate socket contacts (7, 8) which are in each case the same polarity, being connected to one another in one piece and are electrically conductively connected via plug elements (5b) moulded on in each case to the electrically associated pin base socket contacts, that plug lead-throughs (6) present in the earth-contact plug cup (2b) are flush with the pin base socket contacts in each case electrically associated with them, that a second stop level (12b) used as stop for the all-insulated second plugs is farther distant from the surface of the wall (11) than a first stop level (13b) used as stop for the first plug with earth contact, in which arrangement the stop levels (12b, 13b) are parallel both with respect to one another and to the wall (11) and that the circular plug lead-throughs (14) of the non-earth-contact plug cup (3b) exhibit a smaller diameter than the circular plug lead-throughs (6) of the earth-contact plug cup (2b).

IPC 1-7

H01R 25/06; **H01R 27/00**

IPC 8 full level

H01R 25/00 (2006.01); **H01R 27/00** (2006.01); **H01R 27/02** (2006.01)

CPC (source: EP)

H01R 27/02 (2013.01)

Citation (search report)

- [Y] DE 2344412 A1 19750327 - HOCHKOEPPER & CO P
- [Y] CH 460901 A 19680815 - BAILLOD FREDERIC [CH]
- [X] DE 7700238 U1 19770421
- [A] FR 2365898 A1 19780421 - SIEMENS AG [DE]
- [A] DE 2612490 A1 19771006 - MERTEN GMBH & CO KG GEB
- [A] EP 0109969 A2 19840613 - KOPP GMBH & CO KG HEINRICH [DE]
- [E] DE 3246405 A1 19840620 - BBC BROWN BOVERI & CIE [DE]

Cited by

GB2166303A; GB2296825A; GB2296825B

Designated contracting state (EPC)

AT DE NL SE

DOCDB simple family (publication)

EP 0111756 A2 19840627; **EP 0111756 A3 19870603**; **EP 0111756 B1 19890503**; AT E42871 T1 19890515; DE 3246423 A1 19840620; DE 3379821 D1 19890608; FI 834537 A0 19831212; FI 834537 A 19840616; FI 83915 B 19910531; FI 83915 C 19910910; NO 834612 L 19840618

DOCDB simple family (application)

EP 83111419 A 19831115; AT 83111419 T 19831115; DE 3246423 A 19821215; DE 3379821 T 19831115; FI 834537 A 19831212; NO 834612 A 19831214