

Title (en)
Electrical receptacle box

Title (de)
Steckdosenbox

Title (fr)
Boîtier des prises de courant

Publication
EP 0618647 B1 19990804 (DE)

Application
EP 94105128 A 19940331

Priority
• DE 4312423 A 19930416
• DE 9305056 U 19930402

Abstract (en)
[origin: EP0618647A2] The plug socket box (multiple plug-socket adaptor) has an elongated plastic housing which is formed from a lower part (1) and an upper part (which is detachably connected thereto and is in the form of a cover), in which housing a plurality of plug sockets (3) are arranged in a row, and two electrical conductors (SL) are arranged parallel and at a distance from one another on the lower part (1) in the box longitudinal direction and an earth conductor (EL) is located such that it runs in between them, said conductors running in the form of flat strips, and the two contact sockets (5) of each plug socket (3) make contact with the electrical conductors (SL) while the plug socket's earthing clip (10) makes electrical contact with the earth conductor (EL), and the plug sockets (3) are inserted with their pair (5) of contact sockets optionally longitudinally, transversely or diagonally with respect to the box longitudinal direction. Each contact socket (15) is fixed in and/or on the electrical conductor (SL) by means of a contact tab (6) and, in so doing, the contact socket pair (5) of each plug socket (3) is fixed, corresponding to its installation position, in or transversely or diagonally with respect to the longitudinal direction of the electrical conductors (SL) located on the same, by plugging, riveting, screwing or spot-welding. <IMAGE>

IPC 1-7
H01R 25/00

IPC 8 full level
H01R 25/00 (2006.01)

CPC (source: EP)
H01R 25/003 (2013.01)

Cited by
ES2142271A1; ES2142270A1; EP3503301A1; RU2496195C2; ES2123418A1; EP0951105A3; WO2009115457A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 0618647 A2 19941005; EP 0618647 A3 19980304; EP 0618647 B1 19990804; AT E183025 T1 19990815; DE 59408558 D1 19990909; ES 2136674 T3 19991201

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