Title (en)

    Socket and plug therefor.

Title (de)

    Steckerbuchse mit Stecker.

Title (fr)

    Prise et fiche pour celle-ci.

Publication

    EP 0310718 A1 19890412 (EN)

Application

    EP 87308845 A 19871006

Priority

    EP 87308845 A 19871006

Abstract (en)

    A socket (24) can accommodate a conventional cigar lighter socket-compatible plug (26), which can handle low currents, and a plug (22) which can handle lighter currents. The socket (24) comprises abutment surfaces (126) and (86) for transmitting power to spring loaded contacts (120, 124) on conventional cigar lighter socket-compatible plug (26). In addition, the socket (24) has first and second wiping contacts (76; 88a, b) which co-operate with first and second wiping contacts (44; 56a, b) of plug (22). The socket (24) is provided with a boss (148) which prevents a standard cigar lighter plug being actuated if it is inserted in the socket (24). The end of the plug (22) is provided with a layer of insulation which prevents electricity being supplied to the plug (22) on insertion of the plug (22) in a conventional cigar lighter socket (130).

IPC 1-7

    H01R 13/64; H01R 17/04

IPC 8 full level

    H01R 24/02 (2006.01); **H01R 24/38** (2011.01); H01R 13/64 (2006.01)

CPC (source: EP)

    H01R 24/38 (2013.01); H01R 13/64 (2013.01); H01R 2103/00 (2013.01)

Citation (search report)

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