

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  
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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 24/38** (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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• [A] US 3453578 A 19690701 - FERNALD CHARLES HENRY, et al  
• [A] DE 7733921 U1 19780720

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