

Title (en)  
Socket and plug therefor.

Title (de)  
Steckerbuchse mit Stecker.

Title (fr)  
Prise et fiche pour celle-ci.

Publication  
**EP 0310718 B1 19940316 (EN)**

Application  
**EP 87308845 A 19871006**

Priority  
EP 87308845 A 19871006

Abstract (en)  
[origin: EP0310718A1] 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 17/04**; **H01R 13/64**

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)

Cited by  
US5376022A; US6682356B2; US11211664B2; US9871484B2; US9893384B2; US10177701B2; US10236819B2; US10250178B2; US10333453B2; US10333454B2; US10361651B2; US10541639B2; US10615733B2; US10840559B2; US10972041B2; US11005412B2; US11005411B2; US11152886B2

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