

Title (en)  
Shielded jack socket assembly

Title (de)  
Zusammenbau einer abgeschirmter Klinkenbuchse

Title (fr)  
Assemblage d'une prise-jack blindée

Publication  
**EP 0727849 A3 19971015 (EN)**

Application  
**EP 96300953 A 19960212**

Priority  
GB 9502888 A 19950214

Abstract (en)  
[origin: EP0727849A2] A shielded jack socket assembly (1) comprises a jack socket assembly formed by a printed circuit board (2) which has secured to the far side thereof (as shown in Figure 1) a jack socket, and a shielding can (8) which provides electromagnetic shielding to the jack socket. The can (8) is of metal and is formed with a tang (17) which projects through an opening provided in the PCB (2) when the can (8) is in its use position. The tang (17) is formed with a relatively large aperture (18) and a tapering slot (19). The tang (17) cooperates with appropriate apertures provided in a moulding (20) which forms part of the jack socket assembly to form an electrical terminal to which the drain wire (7) of an incoming cable (5) can readily be attached. Preferably, a second shielding can is located on the side of the PCB remote from the first shielding can, the two shielding cans being provided with contact portions which automatically interengage as the shielding cans are positioned to provide electrical connections therebetween. Preferably, the shielding cans both snap fit onto engagement with appropriate latch surfaces provided on the jack socket assembly. <IMAGE> <IMAGE>

IPC 1-7  
**H01R 13/658**

IPC 8 full level  
**H01R 13/518** (2006.01); **H01R 13/58** (2006.01); **H01R 13/658** (2011.01); **H01R 9/24** (2006.01)

CPC (source: EP)  
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Citation (search report)  
• [Y] FR 2694456 A1 19940204 - POUYET INT [FR]  
• [Y] EP 0570893 A1 19931124 - WHITAKER CORP [US]  
• [A] US 5108300 A 19920428 - WEBER RONALD M [US]  
• [DA] EP 0598614 A2 19940525 - WEATHERLEY RICHARD [GB] & GB 2274027 A 19940706 - WEATHERLEY RICHARD [GB]

Cited by  
EP0969562A1; US10122135B2; EP3223372A1; EP3229325A1; JP2018041748A

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