

Title (en)  
ELECTRIC SAFETY SOCKET

Publication  
**EP 0337332 B1 19931006 (DE)**

Application  
**EP 89106226 A 19890408**

Priority  
DE 8804924 U 19880414

Abstract (en)  
[origin: EP0337332A2] Protective safety sockets known from the prior art, having screwless conductor connecting terminals, are only conditionally suitable for automated production and for a conversion capability from screwless terminal connection to screwed terminal connection at any time. It is therefore provided according to the invention that the terminal spring holder of the pin conductor connecting terminals (3) be designed as a first terminal spring housing (7) which, together with the respective pin contact bush (5), which is connected in the form of a common material, and the terminal spring (9), which can be inserted into the first terminal spring housing (7), form a pin conductor connecting terminal assembly (5, 7, 9), that the terminal spring holder of the protective conductor connecting terminal (4) be designed as a second terminal spring housing (8) which, with the protective contact earthing clip (6) and the terminal spring (9) which can be inserted into the second terminal spring housing (8), forms a protective conductor connecting terminal assembly (6, 8, 9), and that the base cover (2) be designed as one piece and in the same material, two pin contact bush covering flaps (13) and an attachment flap (14), arranged between them, being integrally formed on a first side of a web (12) which laterally overlaps the conductor connecting terminals (3, 4), and terminal spring release keys (11) being integrally formed together with pressure cams (15) on a second side of the web (12), which terminal spring release keys (11) are in each case located opposite to the flaps (13, 14) and cover covering walls (16, 26) of the terminal spring housings (7, 8). <IMAGE>

IPC 1-7  
**H01R 19/42**

IPC 8 full level  
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CPC (source: EP)  
**H01R 4/4821** (2023.08); **H01R 13/652** (2013.01); **H01R 24/78** (2013.01); **H01R 4/483** (2023.08); **H01R 4/485** (2023.08); **H01R 4/4852** (2023.08); **H01R 2103/00** (2013.01)

Cited by  
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