

Title (en)  
Electrical connector assembly

Title (de)  
Elektrische Verbinderanordnung

Title (fr)  
Assemblage de connecteur électrique

Publication  
**EP 0776068 A3 19990210 (EN)**

Application  
**EP 96118093 A 19961112**

Priority  
• EP 96118093 A 19961112  
• DE 19543423 A 19951121  
• EP 96402085 A 19960930

Abstract (en)  
[origin: EP0776068A2] A connector, which consists of a trough-shaped accommodating part and a plug part which can be plugged into the latter, is specified. The accommodating part (1) has an elongate plug channel (3). The plug part (2) has an essentially rectangular cross-section with longitudinal side surfaces (8,9) and transverse side surfaces (10,11). In the vicinity of the two end edges, a safety rib (12 to 15) extending in the plugging direction is in each case situated on each longitudinal side surface (8,9) of the plug part (1), in such a way that the width of the plug part with the respectively opposite safety ribs (12-15) is greater than the clear width of the plug channel. Complementary safety grooves (16-19) for accommodating the safety ribs (12-15) are in each case formed in the longitudinal side walls (4,5) of the accommodating part (1). The plug part (2) consists of a surrounding housing (20) and a socket housing (21). The socket housing (21) can be pushed into the surrounding housing (20) through an insertion opening (22) on a transverse side surface (10). Latching means (23,24) are provided on the surrounding housing (20) and on the socket housing (21), for the purpose of latching the socket housing (21) in the surrounding housing (20). The safety ribs (12,13) are fitted to the socket housing (21) on the side with the insertion opening (22). <IMAGE> <IMAGE>

IPC 1-7  
**H01R 13/506**

IPC 8 full level  
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CPC (source: EP)  
**H01R 13/516** (2013.01)

Citation (search report)  
• [XA] US 4130329 A 19781219 - CHANDLER CURTIS S, et al  
• [XA] US 4923408 A 19900508 - ZINN BERND [DE]  
• [XA] US 4483580 A 19841120 - PELCZARSKI WALTER J [US]  
• [DA] WO 9317470 A1 19930902 - SIEMENS AG [DE]  
• [A] EP 0655799 A1 19950531 - MOLEX INC [US]

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