Title (en)

PLUG CONNECTOR HOUSING

Publication

EP 0147828 B1 19891011 (DE)

Application

EP 84116092 A 19841221

Priority

CH 695083 A 19831228

Abstract (en)

[origin: EP0147828A2] 1. An electric connector housing (10) securable in a rectangular panel opening (20), comprising an approximately parallelepipedal insulating material block (11) with at least one recess (18) running through said block from a front end face (12) to a rear end face (13) for the accomodation of an electrical connector, as well as resiliently flexible holding fingers (22, 23) starting from side surfaces (14-17) of said insulating material block and terminating in a position which is approximately parallel to said side surfaces (14-17), the outside of each of said fingers being provided with an inclined surface (24, 26) rising from the free end of the holding finger and a descending step (25, 27), the detent fingers extending approximately mutually parallel but some of them being directed oppositely, so that the said steps (25, 27) of oppositely directed holding fingers (22, 23) are adapted to bear against front and rear boundary edges of the panel opening, characterized in that said holding fingers (22; 122) at two mutually oppositely lying side surfaces (14, 16) of said insulating material block (11) extend only in the direction from said front end surface (12) to said rear end surface (13) while said holding fingers (23; 223; 323) at the other two also mutually oppositely lying side surfaces (15, 17) of the said insulating material block (11) extend only in the direction from said rear end surface to said front end surface, whereby each of said side surfaces (14, 16; 15, 17) is provided with at most two holding fingers, and in that at least parts of said holding finger surfaces (25, 27) which are provided for bearing against the edges of the panel opening (20) are lying near lateral outer edges of the housing surfaces (14, 16; 15, 17) associated therewith.

IPC 1-7

H01R 13/74

IPC 8 full level

H01R 13/74 (2006.01)

CPC (source: EP)

H01R 13/743 (2013.01)

Cited by

GB2218576B; EP0441477A1; FR2707806A1; US5649837A; CN104716771A; EP2892114A3; US5810614A; EP0797274A3; US5658167A; EP0575072A1; EP0901197A3; EP0572021A1; US5372523A; GB2480395A; GB2480395B; US6053651A; EP0477692A1; DE9312930U1; EP0829929A3; GB2274218A; GB2274218B; EP0367658A1; FR2638291A1; US4998889A; DE102010039957B4; US8075344B2; WO2010101911A1; US9755376B2; US9905977B2

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