

Title (en)
Socket for the connection of contact pins

Title (de)
Kontaktbuchse für den Anschluss von Gegenkontakten

Title (fr)
Douille pour la connexion des lames de contact

Publication
EP 0627784 B1 19970723 (DE)

Application
EP 94114316 A 19920413

Priority
• DE 4112035 A 19910412
• EP 92106356 A 19920413

Abstract (en)
[origin: EP0508484A2] The socket is used for the connection of flat contact pins as are used in plug connecting devices for test purposes, especially in car construction. The socket (1), which allows frequent plug-in cycles with low insertion forces, comprises a contact spring support having two supporting walls (2, 3) which are essentially parallel to one another. Said walls (2, 3) are fitted, preferably on both inner sides, in each case with one row of contact springs (4) which are domed in such a manner that a gap (5) is formed by the domes which point towards one another, which gap (5) expands elastically when a flat contact pin is inserted, thus making contact. The ends (6, 7) of each contact spring (4) are bent around towards one another on the outside of the associated supporting wall (2, 3). The two supporting walls (2, 3) are connected to one another via a lateral wall (12) which determines the distance between them. A bearing wall (14) which bounds the insertion gap (5) for the flat contact pins is provided on the edges (13) of the supporting walls (2, 3) which are placed on the lateral wall (12). <IMAGE>

IPC 1-7
H01R 13/115; **H01R 43/16**

IPC 8 full level
H01R 13/04 (2006.01); **H01R 13/10** (2006.01); **H01R 13/11** (2006.01); **H01R 13/115** (2006.01); **H01R 13/187** (2006.01); **H01R 43/16** (2006.01)

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