

Title (en)
Flat plug socket for an electrical connection

Title (de)
Flachsteckhülse für eine elektrische Verbindung

Title (fr)
Douille plate pour une connexion électrique

Publication
EP 0751586 A3 19980603 (DE)

Application
EP 96109914 A 19960620

Priority
• DE 29510476 U 19950628
• DE 29513221 U 19950817

Abstract (en)
[origin: EP0751586A2] The sleeve has a receptacle chamber (11) made up of a base plate (8) and two opposing, upright side walls (9). The flat plug (3) can be inserted into this chamber from one end. The free edges (10) of the side walls are bent inwardly over the base plate (8). The two long edges of the free edges (10) of the side walls (9) are rounded on at least one side to maintain a linear contact on the upper side of the plug (3). The rounded long edges (15) contact the plug (3) near the axial middle line (16) of the sleeve (2). Two parallel projections (14) of the base plate (8) form regions on the base plate (8) for forming a linear contact with the plug (3). A locking device (13) cooperates with a recess in the plug (3) via a locking nose. The locking nose is arranged on a locking clamp (13) formed by two parallel sections and bent into the receptacle part (11). The base plate (8) in the region of the locking clamp (13) is formed with a reduced material strength to increase the elasticity of the locking clamp (13).

IPC 1-7
H01R 13/115; **H01R 13/20**

IPC 8 full level
H01R 13/115 (2006.01); **H01R 13/20** (2006.01); **H01R 4/18** (2006.01)

CPC (source: EP)
H01R 13/115 (2013.01); **H01R 13/20** (2013.01); **H01R 4/185** (2013.01)

Citation (search report)
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EP3116072A1

Designated contracting state (EPC)
DE ES FR IT SE

DOCDB simple family (publication)
EP 0751586 A2 19970102; **EP 0751586 A3 19980603**; **EP 0751586 B1 20020814**; ES 2181829 T3 20030301; MX 9602489 A 19971129

DOCDB simple family (application)
EP 96109914 A 19960620; ES 96109914 T 19960620; MX 9602489 A 19960626