

Title (en)  
PLUG ASSEMBLY PROVIDED WITH A LOCKING DEVICE

Publication  
**EP 0148383 A3 19860122 (DE)**

Application  
**EP 84114171 A 19841123**

Priority  
• DE 8333952 U 19831125  
• DE 8430680 U 19841018

Abstract (en)  
[origin: EP0148383A2] 1. A connector arrangement, comprising a pin strip (12) bearing connecting pins (14) for connection to a printed circuit board (16), and a socket strip (18) which is adapted to be fitted over the connecting pins (14) and which, in the plugged-in state, is lockable on the pin strip (12) by means of at least one C-shaped clamp (22 ; 52), comprising a central portion (24 ; 25) whose length (A) is equal to the dimension of the plugged-together parts (12, 18) as measured in the plugging-in direction, and, adjoining the ends of the central portion (24 ; 54), C-jaws (26, 28 ; 56, 58), which engage behind the plugged-together parts (12, 18), characterized in that at least one elastically deformable portion (32 ; 44 ; 59) is formed on a C-jaws (28, 58) and bears a catch (36 ; 46 ; 53) to engage behind a connecting pin (14) projecting from the pin strip (12).

IPC 1-7  
**H01R 23/70**; **H01R 13/627**

IPC 8 full level  
**H01R 13/627** (2006.01); **H01R 13/639** (2006.01)

CPC (source: EP)  
**H01R 12/724** (2013.01); **H01R 12/7011** (2013.01); **H01R 12/737** (2013.01); **H01R 13/627** (2013.01); **H01R 13/639** (2013.01)

Citation (search report)  
• [Y] EP 0075070 A2 19830330 - TELETYPE CORP [US]  
• [Y] EP 0077432 A1 19830427 - TELETYPE CORP [US]  
• [A] EP 0068440 A1 19830105 - ALSTHOM CGEE [FR]  
• [A] US 3993390 A 19761123 - EIGENBRODE GEORGE THOMAS  
• [A] GB 2082401 A 19820303 - FLAIR ELECTRONIC SYSTEMS LTD  
• [XP] DE 8333952 U1 19840322  
• [XP] DE 8430680 U1 19850110  
• [A] IBM TECHNICAL DISCLOSURE BULLETIN, Band 23, Nr. 3, August 1980, Seiten 1140-1141, New York, US; E.R. BUCHER, JR.: "Connector retaining clip"

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**EP 0148383 A2 19850717**; **EP 0148383 A3 19860122**; **EP 0148383 B1 19880302**; DE 3469651 D1 19880407

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