

Title (en)
Electrical multiple plug.

Title (de)
Elektrischer Mehrfach-Steckverbinder.

Title (fr)
Fiche multiple électrique.

Publication
EP 0385259 A1 19900905 (EN)

Application
EP 90103368 A 19900222

Priority
DE 8902245 U 19890225

Abstract (en)
A multiple plug comprises a metal plate having a plurality of bores provided therein into which feed-through capacitors are fitted. From the center point of each bore an opening is punched from the metal plate forming triangular wedge portions and round openings between the tips of the wedge portions. The feed-through capacitors are positively inserted between the bent away wedge portions. The wedge portions form resilient suspension elements which extend between the metal plate and the feed-through capacitors for holding such capacitors in place. The wedge portions are capable of flexing in the event of differences resulting from thermal expansion or contraction of the metal plate or the feed-through capacitors. As such, they provide compensation for thermal expansion and variations in configuration resulting therefrom. In addition, the mechanical and electrical connection between the plate and the feed-through capacitors is maintained.

IPC 1-7
H01R 13/719

IPC 8 full level
H01R 13/66 (2006.01); **H01R 13/719** (2011.01)

CPC (source: EP)
H01R 13/7197 (2013.01)

Citation (search report)

- [X] DE 1946115 A1 19700319 - INT STANDARD ELECTRIC CORP
- [X] DE 2103032 A1 19710805 - INT STANDARD ELECTRIC CORP
- [A] NEW ELECTRONICS

Cited by
EP1128490A3; EP1117159A3; EP1191645A1; US5152699A; US5887324A; WO9809350A1

Designated contracting state (EPC)
BE CH DE ES FR GB IT LI LU NL SE

DOCDB simple family (publication)
DE 8902245 U1 19890511; CA 2010849 A1 19900825; EP 0385259 A1 19900905; JP H0367477 A 19910322

DOCDB simple family (application)
DE 8902245 U 19890225; CA 2010849 A 19900223; EP 90103368 A 19900222; JP 4535390 A 19900226