

Title (en)
A half of a multipolar connector device.

Title (de)
Steckvorrichtungshälfte einer Vielfachsteckvorrichtung.

Title (fr)
Moitié d'un dispositif de connexion multipolaire.

Publication
EP 0100922 A1 19840222 (DE)

Application
EP 83107038 A 19830718

Priority
DE 8220801 U 19820721

Abstract (en)
[origin: US4641909A] A two piece housing plug connector of the type having multiple plug members received in bores in the housings with the plug members including socket ends for insertion of connectors at one end of the housing assembly and projecting plugs at the other end of the housing assembly, with the housing assembly parting along a line normal to the projection of the plugs and with antirotation axial movement locking means projecting from the plugs in the area of the part of the housing is provided with locking means designs effective to increase the current creepage path at the juncture line of the two housing halves. The locking means include projecting portions in each of the housing halves which are spaced from one another by an air gap substantially symmetrical to the parting line of the housing halves, the air gap having a distance which is at least as great as the effective length of the projecting locking means.

Abstract (de)
Zur Vergrößerung der Kriechstromwege zwischen benachbarten Kontaktorganen (4a,4b,4c) von Subminiatur-Steckverbindern sind bei jedem Kontaktorgan zwei quer zur Steckrichtung von diesem abstehende und zur Verriegelung des Kontaktorganes in einer Kammer (11) eines in Steckrichtung zweiteiligen Isolierstoffkörpers (2,3) in eine Erweiterung (12) der Kammer (11) eingreifende Ansätze (6) vorgesehen, die in Steckrichtung durch einen symmetrisch zur Trennebene der beiden Teile (2,3) des Isolierstoffkörpers vorgesehenen und wenigstens die wirksame Länge der Ansätze aufweisenden Luftspalt (5) voneinander getrennt sind.

IPC 1-7
H01R 13/424; **H01R 13/40**

IPC 8 full level
H01R 13/428 (2006.01); **H01R 13/40** (2006.01); **H01R 13/424** (2006.01)

CPC (source: EP US)
H01R 13/424 (2013.01 - EP US)

Citation (search report)

- [X] DE 2508075 A1 19751120 - BUNKER RAMO
- [A] DE 1790043 A1 19711202 - SIEMENS AG
- [AD] DE 1490171 A1 19690102 - PLESSEY COMPANY UK LTD

Designated contracting state (EPC)
CH DE FR GB LI

DOCDB simple family (publication)
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DOCDB simple family (application)
EP 83107038 A 19830718; DE 3361225 T 19830718; DE 8220801 U 19820721; JP 12170383 A 19830706; US 77113985 A 19850828