

Title (en)

ELECTRICAL PLUG CONNECTOR FOR A COAXIAL CABLE AND ITS MANUFACTURING PROCESS

Publication

EP 0232808 A3 19890614 (DE)

Application

EP 87101248 A 19870129

Priority

DE 3604093 A 19860208

Abstract (en)

[origin: US4795370A] An electrical plug connector for co-axial leads is disclosed comprising an inner contact with spring tongues to retain a core wire therebetween and an outer contact for connection to the sheath conductor. The latter may be brought into contact with claws situated at end of the outer contact from which the lead extends, by bending the claws radially inwards, this being accomplished by tightening a screw element situated on an outer sleeve of insulating material, while two coaxial insulating members within the outer contact are displaced axially with respect to each other so that thrust arms situated on one insulating member and co-operating with an inwardly tapering cam surface may be thrust against the spring tongues to allow these to grip fast the inner lead wire. A plug connector of particularly uncomplicated structure can be produced substantially automatically because the two insulating members are joined together interengagingly and because the one-piece outer contact consists of two cohesive shells surrounding the insulating members.

IPC 1-7

H01R 17/12

IPC 8 full level

H01R 43/00 (2006.01); **H01R 13/646** (2011.01)

CPC (source: EP US)

H01R 24/40 (2013.01 - EP US); **H01R 2103/00** (2013.01 - EP US)

Citation (search report)

- [A] FR 2341963 A1 19770916 - FREITAG WOLFGANG [DE]
- [A] US 3332052 A 19670718 - RUSINYAK GREGORY J
- [A] DE 2827526 A1 19800110 - HIRSCHMANN RADIOTECHNIK
- [AD] NL 7413404 A 19751126 - FREITAG WOLFGANG

Designated contracting state (EPC)

DE FR GB IT NL

DOCDB simple family (publication)

EP 0232808 A2 19870819; EP 0232808 A3 19890614; DE 3604093 A1 19870813; DE 3604093 C2 19880929; JP H029434 B2 19900301; JP S62186479 A 19870814; US 4795370 A 19890103

DOCDB simple family (application)

EP 87101248 A 19870129; DE 3604093 A 19860208; JP 2190987 A 19870203; US 699687 A 19870127