

Title (en)

TRANSITION BETWEEN A COAXIAL CABLE AND A MULTIPOLAR PLUGGABLE CONNECTOR

Publication

EP 0031869 A3 19810722 (DE)

Application

EP 80105013 A 19800823

Priority

DE 2949013 A 19791206

Abstract (en)

[origin: US4335364A] A transition piece for establishing a transition between a coaxial cable having an inner conductor and an outer conductor and a plug-in connector component having a plurality of terminals disposed adjacent one another, composed of a coupling member in the form of a coplanar stripline presenting a conductive strip and a conductive surface surrounding, and electrically insulated from, the conductive strip, the coupling member being connected to the coaxial cable and the connector component in such a manner that the inner conductor of the cable is connected to a point at one end of the conductive strip, the outer conductor of the cable is connected to the conductive surface, a first terminal of the connector component is connected to a point at the end of the conductive strip opposite its one end, and at least one terminal adjacent the first terminal is connected to the conductive surface.

IPC 1-7

H01R 9/05; **H01P 5/08**

IPC 8 full level

H01P 5/08 (2006.01); **H01R 9/05** (2006.01)

CPC (source: EP US)

H01P 5/085 (2013.01 - EP US); **H01R 9/05** (2013.01 - EP US)

Citation (search report)

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- [A] 1979 IEEE MTT-S INTERNATIONAL MICROWAVE SYMPOSIUM DIGEST, 30. April 1979, Seiten 116-118 New York, U.S.A. M. HOUDART - C. AURY: "Various excitation of coplanar waveguide"

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DE10119778C1; GB2189652A; GB2189652B; DE10313590A1; DE10313590B4; EP0373709A1; US5013261A; EP1566858B1

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