

Title (en)  
Coaxial conductor

Title (de)  
Koaxialleiter

Title (fr)  
Conducteur coaxial

Publication  
**EP 1583171 A1 20051005 (EN)**

Application  
**EP 04007526 A 20040329**

Priority  
EP 04007526 A 20040329

Abstract (en)  
The present invention relates to a unit and a device, comprising a first rigid arm (102,202,32), having a first (110,210) and a second end, a connecting unit (106,206,36), having at least two rigid parts, one of which is fitted with a first connection site (112,212), and another with a second connection site (114,214), wherein at least two of said parts are rotatably mounted, in relation to one another, around an axis of rotation through said connection unit, wherein the first end (110, 210) of the first arm (102,202,32) is connected to the first connection site (112,212) of the connection unit (106,206,36), and wherein the first arm (102,202,32) includes an outer conductor and an inner conductor (120), coaxially arranged and electrically insulated in relation to one another, for enabling transfer of radiofrequency signals between the first rigid arm (102,202,32) and the second connection site (114,214) of the rotatable connection unit (106,206,36).

IPC 1-7  
**H01P 1/06**

IPC 8 full level  
**H01P 1/06** (2006.01); **H01R 13/646** (2011.01); **H01R 35/04** (2006.01)

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**H01P 1/06** (2013.01); **H01R 35/04** (2013.01); **H01R 2103/00** (2013.01); **H01R 2201/02** (2013.01); **H01R 2201/16** (2013.01)

Citation (search report)

- [XY] US 2753531 A 19560703 - BUTLER JESSE L
- [Y] US 6292563 B1 20010918 - CLARK JOHN M [US], et al
- [A] EP 0252218 A1 19880113 - BOSCH GMBH ROBERT [DE]
- [A] PATENT ABSTRACTS OF JAPAN vol. 007, no. 008 (E - 152) 13 January 1983 (1983-01-13)

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