

Title (en)  
Inner conductor system

Title (de)  
Innenleiteranordnung

Title (fr)  
Système pour conducteur interne

Publication  
**EP 1303005 A1 20030416 (EN)**

Application  
**EP 01124083 A 20011010**

Priority  
EP 01124083 A 20011010

Abstract (en)  
The invention relates to a connector for a coaxial cable essentially comprising an outer bushing for providing an axial displacement of parts in the connector, whereby these parts are brought into mechanical and electrical engagement with the coaxial cable, the connector being furthermore provided with a centre terminal comprising an end portion for connection to the inner conductor of the cable and where said end portion on the inner circumferential surface hereof is provided with an annular contact surface longitudinally extending over a predefined distance and protruding radially inwardly from said inner circumferential surface to establishment of a firm and reliable electrical and mechanical contact between the centre terminal and the inner conductor of the coaxial cable. The establishment of electrical contact between the centre terminal and the inner conductor of the cable does in this manner not lead to a damage of the surface layer of the centre conductor and hence no degradation of the high frequency signal passing through the conductor is caused. <IMAGE>

IPC 1-7  
**H01R 9/05**

IPC 8 full level  
**H01R 9/05** (2006.01)

CPC (source: EP)  
**H01R 9/0521** (2013.01)

Citation (search report)  
• [XY] DE 1905182 A1 19700917 - KATHREIN WERKE ANTON KATREIN  
• [Y] EP 1028498 A1 20000816 - SPINNER GMBH ELEKTROTECH [DE]  
• [A] EP 1122835 A1 20010808 - CABEL CON AS [DK]  
• [A] US 3836946 A 19740917 - GEIGER A

Cited by  
CN100442601C; AU2004273493B2; KR100801357B1; CN100409490C; US7011546B2; WO2005027273A1; WO2006001999A1; US7077700B2; US7104839B2; US7189114B1; US7261581B2

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)  
**EP 1303005 A1 20030416; EP 1303005 B1 20050309**; AT E290724 T1 20050315; DE 60109294 D1 20050414; DE 60109294 T2 20060518; DK 1303005 T3 20050502; ES 2239087 T3 20050916

DOCDB simple family (application)  
**EP 01124083 A 20011010**; AT 01124083 T 20011010; DE 60109294 T 20011010; DK 01124083 T 20011010; ES 01124083 T 20011010