

Title (en)  
Coaxial connector

Title (de)  
Koaxialer Steckverbinder

Title (fr)  
Connecteur coaxial

Publication  
**EP 1801917 A3 20080709 (DE)**

Application  
**EP 06022414 A 20061026**

Priority  
DE 102005061672 A 20051222

Abstract (en)  
[origin: DE102005061672B3] A coaxial connector has an approximately cylindrical connector head (5) with an outer thread (5.2) and a cable-side beveled ring surface (5.1) forming the contact interface for a coaxial cable. The connector further has a screw-fit sleeve (7) cable strand trap with an inner thread (7.1). The sleeve has an inner conical surface (7.3) to clamp the end face of the cable screen wire against the beveled ring (5.1) interface. The connector thread further has a profiled inner surface that engages with assembly tools.

IPC 8 full level  
**H01R 9/05** (2006.01); **H01R 13/646** (2011.01)

CPC (source: EP US)  
**H01R 9/0521** (2013.01 - EP US); **H01R 24/566** (2013.01 - EP); **H01R 24/564** (2013.01 - EP US)

Citation (search report)

- [XY] WO 2005004290 A1 20050113 - CORNING CABELCON AS [DK], et al
- [Y] EP 1523073 A2 20050413 - RADIO FREQUENCY SYSTEMS INC [US]
- [Y] DE 19729876 A1 19990211 - SPINNER GMBH ELEKTROTECH [DE]
- [A] EP 0762545 A2 19970312 - ROSENBERGER HOCHFREQUENZTECH [DE]
- [DA] US 4046451 A 19770906 - JUDS RICHARD C, et al

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA HR MK RS

DOCDB simple family (publication)  
**DE 102005061672 B3 20070322**; BR PI0605515 A 20071016; CN 1988288 A 20070627; EP 1801917 A2 20070627; EP 1801917 A3 20080709; US 2007149047 A1 20070628; US 7357671 B2 20080415

DOCDB simple family (application)  
**DE 102005061672 A 20051222**; BR PI0605515 A 20061221; CN 200610169916 A 20061222; EP 06022414 A 20061026; US 61322306 A 20061220