

Title (en)  
Coaxial connector

Title (de)  
Koaxialverbinder

Title (fr)  
Connecteur coaxial

Publication  
**EP 0997988 A2 20000503 (EN)**

Application  
**EP 99308431 A 19991026**

Priority  
US 17971798 A 19981027

Abstract (en)  
A coaxial connector (10) that comprises an attachment member (40) and a compression sleeve (22). The attachment member includes a collar (44), which is coupled with a nut (42) that is free to rotate about the collar, for receiving, at least partially, the compression sleeve therein. The collar has an internal shape of decreasing diameter for radially constricting the compression sleeve when inserted into the attachment member such that the coaxial connector may be sealed from environmental elements entering therein. This allows for a much smaller sized barb (48) to be used on the end of a post (46) within the attachment member, or no barb at all. The coaxial connector further includes a lip (50) secured within the compression sleeve for preventing the braided shield (18) from sliding between the compression sleeve and cable jacket (20) during installation of the coaxial connector. <IMAGE>

IPC 1-7  
**H01R 13/646**

IPC 8 full level  
**H01R 9/05** (2006.01); **H01R 13/52** (2006.01); **H01R 13/622** (2006.01)

CPC (source: EP)  
**H01R 9/0521** (2013.01); **H01R 13/5202** (2013.01); **H01R 13/622** (2013.01)

Cited by  
CN102255149A; CN104682081A; EP2041843A4; WO2008005254A2; US7445501B1

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

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**EP 99308431 A 19991026**; CA 2282803 A 19990917