

Title (en)  
Connector for coaxial cable

Title (de)  
Steckverbinder für Koaxialkabel

Title (fr)  
Connecteur pour câble coaxial

Publication  
**EP 0757408 A3 19980422 (EN)**

Application  
**EP 96112216 A 19960729**

Priority  
• US 51147395 A 19950804  
• US 61081596 A 19960307

Abstract (en)  
[origin: EP0757408A2] In accordance with the present invention, the foregoing objectives are realized by providing a connector assembly comprising an outer connector for engaging the outer conductor of the cable, an inner connector having a threaded portion adapted to fit into the hollow inner conductor in threaded engagement with the interior surface of the inner conductor, the threads comprising a plurality of interleaved concentric threads, and a dielectric spacer between the inner and outer connectors. In a preferred embodiment, the multiple interleaved threads are self-tapping threads so that the inner connector can be simply threaded into the hollow inner conductor without any advance tapping of the inner conductor.  
<IMAGE>

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**H01R 9/05**

IPC 8 full level  
**H01R 13/646** (2011.01)

CPC (source: EP)  
**H01R 24/564** (2013.01); **H01R 24/566** (2013.01); **H01R 2103/00** (2013.01)

Citation (search report)  
• [XA] DE 4343229 A1 19941208 - SPINNER GMBH ELEKTROTECH [DE]  
• [Y] US 5334051 A 19940802 - DEVINE EDWARD B [US], et al  
• [AD] US 4046451 A 19770906 - JUDS RICHARD C, et al  
• [AD] US 5167533 A 19921201 - RAUWOLF GERALD A [US]  
• [AD] US 5154636 A 19921013 - VACCARO RONALD A [US], et al  
• [AD] US 3199061 A 19650803 - JOHNSON ERNEST H, et al  
• [AD] US 3291895 A 19661213 - DYKE PETER F VAN  
• [AD] US 5137470 A 19920811 - DOLES CONNIE S [US]  
• [Y] US 5354217 A 19941011 - GABEL LEE R [US], et al

Cited by  
EP1206011A1; EP0869586A1; EP0955701A3; US7261581B2; US10576575B2; US7077700B2; US7104839B2; US9642236B2; US10737347B2; EP1642362B1

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