

Title (en)  
COAXIAL TAP-CONNECTOR

Publication  
**EP 0038144 B1 19850206 (EN)**

Application  
**EP 81301412 A 19810401**

Priority  
US 13903580 A 19800410

Abstract (en)  
[origin: EP0038144A2] A coaxial tap-connector comprises a pair of housing parts (4, 8) for receiving a cable (68) between them. A probe (12) in one part (4) penetrates the cable to effect electrical connection to the core (70). A back-up probe (48) in the other housing (8) is spring loaded and arranged to penetrate the cable, subsequently, to support the cable core opposite to the first probe (12). The tip of the probe (12) has a conductive shank (38) with an enlarged diameter frusto-conical head (34). A surrounding core of dielectric abuts the head (34) and is of corresponding diameter. The forward end of the other probe (48) is suitably of similar structure.

IPC 1-7  
**H01R 17/12**; **H01R 11/18**

IPC 8 full level  
**H01R 4/24** (2006.01); **H01R 9/05** (2006.01); **H01R 9/053** (2006.01); **H01R 11/18** (2006.01); **H01R 13/646** (2011.01)

CPC (source: EP)  
**H01R 24/542** (2013.01); **H01R 2103/00** (2013.01)

Cited by  
US5076799A; EP0145407A3; GB2156170A; GB2136638A; EP0109229A1; EP0463824A1; EP0081953A3; WO2021079277A1

Designated contracting state (EPC)  
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**EP 0038144 A2 19811021**; **EP 0038144 A3 19820630**; **EP 0038144 B1 19850206**; AT E11715 T1 19850215; BR 8102021 A 19811013; CA 1144252 A 19830405; DE 3168725 D1 19850321; ES 265978 U 19830116; ES 265978 Y 19830716; JP S56159072 A 19811208; JP S6333269 B2 19880705

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**EP 81301412 A 19810401**; AT 81301412 T 19810401; BR 8102021 A 19810403; CA 373181 A 19810317; DE 3168725 T 19810401; ES 265978 U 19810409; JP 5375881 A 19810409