

Title (en)
COAXIAL CONNECTOR.

Title (de)
KOAXIALKABELVERBINDER.

Title (fr)
CONNECTEUR COAXIAL.

Publication
EP 0641490 A1 19950308 (EN)

Application
EP 92901307 A 19911121

Priority
US 9108673 W 19911121

Abstract (en)
[origin: WO9310578A1] A low-cost miniature coaxial connector is provided, which attaches securely to a coaxial cable. The connector includes inner and outer contacts (30, 32, Fig. 2) constructed of rolled sheet metal and separated by an insulator (34). An inner ferrule (70) formed from a seamless tube, is first crimped around the jacket (24) of the coaxial cable. The braided outer conductor (22) of the cable is wrapped backwards around the crimped inner ferrule. The rear end (60) of the outer contact is held tightly around the braiding by an outer ferrule (72) that is crimped around the rear end of the outer contact. By crimping to the jacket (24) of the cable, the connector is securely held to the cable to withstand relatively large forces pulling the cable away from the connector. The sheet metal outer contact (32) can be reliably crimped in place by the seamless outer ferrule (72) which is crimped around it to hold it tightly around the braiding of the cable outer conductor (22).

IPC 1-7
H01R 17/04

IPC 8 full level
H01R 9/05 (2006.01); **H01R 43/00** (2006.01); **H01R 13/646** (2011.01)

CPC (source: EP)
H01R 9/0518 (2013.01); **H01R 24/40** (2013.01); **H01R 2103/00** (2013.01)

Citation (search report)
See references of WO 9310578A1

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
WO 9310578 A1 19930527; DE 69116174 D1 19960215; DE 69116174 T2 19960822; EP 0641490 A1 19950308; EP 0641490 B1 19960103; KR 0139135 B1 19980615

DOCDB simple family (application)
US 9108673 W 19911121; DE 69116174 T 19911121; EP 92901307 A 19911121; KR 19940071706 A 19940520