

Title (en)
DEVICE FOR CONNECTING A COAXIAL LINE TO A COPLANAR LINE

Title (de)
VORRICHTUNG ZUR VERBINDUNG EINER KOAXIALLEITUNG MIT EINER KOPLANARLEITUNG

Title (fr)
DISPOSITIF POUR RELIER UNE LIGNE COAXIALE A UNE LIGNE COPLANAIRE

Publication
EP 1668746 A1 20060614 (DE)

Application
EP 04766856 A 20040927

Priority
• EP 2004052322 W 20040927
• DE 10345218 A 20030929

Abstract (en)
[origin: DE10345218B3] The coplanar end connection (5) for the coaxial cable has a dielectric substrate (11) carrying a metalized layer (10). The metalized layer has a V-shaped cutout (12) at the end adjacent to the coaxial cable. The coaxial cable has a solid circular-cross-section inner conductor (2), a first dielectric layer (3) and a conducting outer sheath (4) connected to a square terminal block (1). The inner conductor of the cable is connected to a central tapering conductor (6) on top of a second dielectric layer (9). Two tapering outer conductors (7,8) are connected to the square terminal block on the end of the cable sheath.

IPC 1-7
H01R 13/646; H01P 5/08

IPC 8 full level
H01P 5/08 (2006.01); **H01R 13/646** (2011.01)

CPC (source: EP US)
H01P 5/085 (2013.01 - EP US); **H01R 24/50** (2013.01 - EP US); **H01R 24/44** (2013.01 - EP US); **H01R 2103/00** (2013.01 - EP US)

Citation (search report)
See references of WO 2005034299A1

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