

Title (en)
Coaxial connector with overvoltage protection

Title (de)
Koaxialverbinder mit Überspannungsschutz

Title (fr)
Connecteur coaxial avec protection contre les surtensions

Publication
EP 1351345 B1 20060705 (DE)

Application
EP 03005171 A 20030307

Priority
DE 10212365 A 20020320

Abstract (en)
[origin: EP1351345A1] The coaxial connector has an inner conductor (14,16) and an outer conductor (18), the capacitor (20) of the overvoltage protection coupled in series with the inner conductor and having opposing capacitor plates (22,24) coupled to respective inner conductors for the input (10) and output (12) of the connector. The overvoltage protection also employs an inductance provided by an axial coil (26), positioned coaxial to the inner conductor, one coil end coupled to one capacitor plate, the other coil end coupled to the outer conductor.

IPC 8 full level
H01R 13/646 (2011.01); **H01R 13/66** (2006.01)

CPC (source: EP)
H01R 13/6666 (2013.01); **H01R 24/48** (2013.01); **H01R 2103/00** (2013.01)

Designated contracting state (EPC)
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