

Title (en)
Coaxial connector

Title (de)
Koaxialsteckverbinder

Title (fr)
Connecteur coaxial

Publication
EP 1641086 B1 20070110 (DE)

Application
EP 05020345 A 20050919

Priority
DE 102004045985 A 20040922

Abstract (en)
[origin: EP1641086A1] A coaxial pluggable connector (10) has an outer conductor component (12) with external conductor (14) for forming an external conductor contact with corresponding front face (26) of an external conductor (28) of the coaxial counter plug connector (22). A spring element is designed as a ring (32) which is interrupted in the peripheral direction and designed so that the ring is elastically, springy, and expandable in the radial direction, in which an inner diameter of the ring is formed so that this is smaller than an inner diameter of the external conductor (14) of the coaxial pluggable connector, in the region of the ring and in which a ring-shaped surface on the outer conductor (14) of the coaxial pluggable connector (10) supports the ring.

IPC 8 full level
H01R 13/627 (2006.01)

CPC (source: EP)
H01R 13/6277 (2013.01)

Cited by
EP1906492A1; CN100459317C; JP2017091660A; CN106654721A; WO2018065612A1; WO2017144121A1; US10249995B2; US11296465B2; EP2142951B1; EP3627636B1; EP3627636B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1641086 A1 20060329; EP 1641086 B1 20070110; DE 502005000310 D1 20070222; DK 1641086 T3 20070326; ES 2279474 T3 20070816

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EP 05020345 A 20050919; DE 502005000310 T 20050919; DK 05020345 T 20050919; ES 05020345 T 20050919