

Title (en)

An electrical coaxial connector and method for connecting a coaxial connector to a cable

Title (de)

Elektrischer Koaxialstecker und Verfahren zum Verbinden eines Koaxialsteckers mit einem Kabel

Title (fr)

Connecteur coaxial électrique et procédé pour connecter un connecteur coaxial à un câble

Publication

EP 2451013 A1 20120509 (EN)

Application

EP 10189870 A 20101103

Priority

EP 10189870 A 20101103

Abstract (en)

An electrical connector (1) for attachment to a cable 201, comprising a main body 17. The electrical connector (1) has - a first body end 3 for receiving an inner conductor 204 of the cable, - a post 5 coaxially mounted within the main body 17, a contact assembly 30 movably mounted within the post, and surrounded by an inner surface of the post. Said assembly comprises - a receptacle guide 8 having a first receptacle guide end 20 for receiving the inner conductor 204 of the cable and a second opposing receptacle guide end 21 to which a pin 6 is fixedly mounted, and - a clip 7 for receiving the inner conductor 204 of the cable. Said contact assembly 30 has a start position, before the cable is inserted, and an end position, when the cable 201 is fully inserted for use, wherein the first receptacle guide end 20 comprises first stop means 22 engaging with second stop means 25 of the post, said first and second stop means interacting with each other in the end position.

IPC 8 full level

H01R 9/05 (2006.01); **H01R 13/646** (2011.01)

CPC (source: EP)

H01R 9/0518 (2013.01)

Citation (applicant)

WO 2006076440 A1 20060720 - CORNING GILBERT INC [US], et al

Citation (search report)

- [A] US 7144272 B1 20061205 - BURRIS DONALD A [US], et al
- [A] US 2009053929 A1 20090226 - BURRIS DONALD ANDREW [US], et al
- [A] WO 2006076440 A1 20060720 - CORNING GILBERT INC [US], et al
- [A] US 2005272296 A1 20051208 - LAVERICK ERIC W [CA]

Cited by

CN110299634A; US9124010B2; WO2019103849A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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