

Title (en)
COMPRESSION CONNECTOR FOR COAXIAL CABLE WITH STAGGERED SEIZURE OF OUTER AND CENTER CONDUCTOR AND CENTER CONDUCTOR SEIZING MECHANISM

Title (de)
KOMPRESSIONSSTECKER FÜR KOAXIALKABEL MIT VERSETZER ERFASSUNG DES ÄUSSEREN UND MITTLEREN LEITERS SOWIE MECHANISMUS ZUR ERFASSUNG DES MITTLEREN LEITERS

Title (fr)
CONNECTEUR À COMPRESSION POUR CÂBLE COAXIAL À SAISIE EN QUINCONCE DU CONDUCTEUR EXTÉRIEUR ET DU CONDUCTEUR CENTRAL ET MÉCANISME DE SAISIE DE CONDUCTEUR CENTRAL

Publication
EP 2417671 A4 20120905 (EN)

Application
EP 10762239 A 20100402

Priority
• US 2010029725 W 20100402
• US 42185509 A 20090410
• US 42189409 A 20090410

Abstract (en)
[origin: WO2010117890A2] A coaxial cable compression connector includes a connector body having opposing first and second ends and a defined center passageway, an insulator disposed within the center passageway adjacent the first end of said connector body, and a compression sleeve movably connected to the second end of said connector body. In one version, the outer conductor of a prepared coaxial cable end and the center conductor are sequentially seized based on axial movement of the compression sleeve upon insertion of a prepared coaxial cable. The compression sleeve when axially moved from the second end to the first end sequentially enables a clamp to engage and seize each of the outer and center conductors. In another version, movement of the compression sleeve causes engagement of the center conductor of an engaged coaxial cable by a plurality of seizing elements disposed in relation to a conductive member into which the center conductor is advanced a predetermined distance.

IPC 8 full level
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CPC (source: EP)
H01R 4/5016 (2013.01); **H01R 9/0524** (2013.01); **H01R 24/564** (2013.01); **H01R 2103/00** (2013.01)

Citation (search report)
• [XA] US 2008274643 A1 20081106 - CHAWGO SHAWN [US]
• [A] WO 2006076440 A1 20060720 - CORNING GILBERT INC [US], et al
• [A] US 2006199431 A1 20060907 - PAYNTER JEFFREY D [US]
• See references of WO 2010117890A2

Designated contracting state (EPC)
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 SE SI SK SM TR

Designated extension state (EPC)
AL BA ME RS

DOCDB simple family (publication)
WO 2010117890 A2 20101014; **WO 2010117890 A3 20110120**; BR PI1006576 A2 20180214; CA 2762138 A1 20101014; CN 102460838 A 20120516; EP 2417671 A2 20120215; EP 2417671 A4 20120905; TW 201108526 A 20110301

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US 2010029725 W 20100402; BR PI1006576 A 20100402; CA 2762138 A 20100402; CN 201080025763 A 20100402; EP 10762239 A 20100402; TW 99111167 A 20100409