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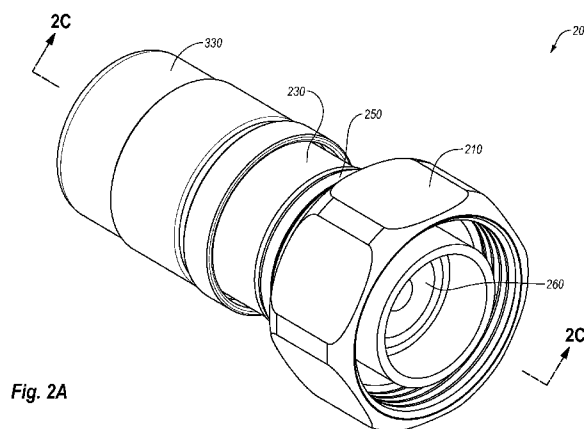


Fig. 2A

(57) Abstract: Coaxial cable connectors. In one example embodiment, a coaxial cable connector for terminating a coaxial cable is provided. The coaxial cable includes an inner conductor, an insulating layer, an outer conductor, and a jacket. The coaxial cable connector includes an internal connector structure, an external connector structure, and a conductive pin. The external connector structure cooperates with the internal connector structure to define a cylindrical gap that is configured to receive an increased-diameter cylindrical section of the outer conductor. The external connector structure is configured to be clamped around the increased-diameter cylindrical section so as to radially compress the increased-diameter cylindrical section between the external connector structure and the internal connector structure. The conductive pin is configured to deform the inner conductor.



A. CLASSIFICATION OF SUBJECT MATTER***H01R 24/38(2011.01)i, H01R 9/05(2006.01)i***

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

H01R 24/38; H01R 13/646; H01R 4/24; H01R 9/05

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Korean utility models and applications for utility models

Japanese utility models and applications for utility models

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

eKOMPASS(KIPO internal) & Keywords:coaxial,cable,connector,clamp,impedance,diameter

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 2063501 A1 (CORNING GILBERT INC.) 27 May 2009 See paragraph [0017] - paragraph [0023] and figures 1-2.	1-20
A	US 06027373A A (GRAY; IAN JAMES et al.) 22 February 2000 See column 3, line 19 - column 4, line 37 and figures 1-2.	1-20
A	US 6168455 B1 (HUSSAINI; SAIED) 02 January 2001 See column 2, line 31 - column 4, line 31 and figures 1-7.	1-20



Further documents are listed in the continuation of Box C.



See patent family annex.

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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US 6168455 B1	02.01.2001	None	