Abstract: This invention relates to collet-type fittings (201) for use in collet-type splices and collet-type dead ends and methods for splicing together two aluminum conductor composite core reinforced cables (ACCC) or terminating one ACCC cable. The collet-type fittings (201) comprise a collet (202) coincident with a collet housing (204) to hold the composite cores. The composite cores can be stripped of the aluminum conductor to provide a bond between the collet (202) and the composite core. After inserting the composite core into the collet (202), a compression element (206) compresses the collet (202). The collet (202) holds the composite core with frictional forces and the collet (202) further compresses and strengthens the bond on the composite core if the composite core pulls the collet (202) further into the collet housing (204).

Published:
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INTERNATIONAL SEARCH REPORT

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : H01R 4/50

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)

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

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

C. DOCUMENTS CONSIDERED TO BE RELEVANT

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<th>Relevant to claim No.</th>
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<td>US 2,988,727A (BERNDT) 13 JUNE 1961 (13-6-1961) Figures 8-10</td>
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☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

Date of the actual completion of the international search

Date of mailing of the international search report
12 SEP 2005

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