

Title (en)

Cable tapping connector.

Title (de)

Kabelabgriffverbinder.

Title (fr)

Connecteur de branchement pour des câbles.

Publication

EP 0463824 A1 19920102 (EN)

Application

EP 91305649 A 19910621

Priority

GB 9013948 A 19900622

Abstract (en)

The connector (22) comprises a two part connector housing (24, 26) which receives and holds a cable portion (10). A contact assembly (44) movably mounted within the housing (24) comprises a hollow outer body (48) of non-conductive material and a conductive contact (52) mounted within the hollow outer body (48) and movable lengthwise within it. The hollow outer body (48) has a tapered penetrable end portion (60) which, when the hollow outer body (48) is moved relative to the housing (24), penetrates at least the outer covering of a received cable portion (10). Following penetration of the cable by the penetrable end portion (60), the contact (52) is advanced to break through the end portion (60) and establish electrical contact with the cable central conductor. Where the cable portion is a coaxial cable, conductive knife blades (36) may be provided to penetrate the outer casing of the cable and establish electrical contact with the outer conductor thereof. <IMAGE>

IPC 1-7

H01R 11/20

IPC 8 full level

H01R 4/24 (2006.01); **H01R 9/05** (2006.01); **H01R 9/053** (2006.01)

CPC (source: EP US)

H01R 9/053 (2013.01 - EP US); **H01R 4/2406** (2017.12 - EP US)

Citation (search report)

- [A] EP 0038144 A2 19811021 - AMP INC [US]
- [AD] EP 0109229 A1 19840523 - AMP INC [US]
- [A] DE 3709841 A1 19881006 - REMA LIPPRANDT GMBH CO KG [DE]

Cited by

EP1178571A3

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

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