

Title (en)
Electric connector

Title (de)
Elektrischer Verbinder

Title (fr)
Connecteur électrique

Publication
EP 0961348 A3 20000510 (EN)

Application
EP 98307579 A 19980917

Priority
• JP 16623198 A 19980528
• JP 16623298 A 19980528

Abstract (en)
[origin: EP0961348A2] A connector for branching a two- or three-wire VVF cable (3') from an existing one (3) has two or three contacts (1) of a conductive metal and a connector body (2) of a plastics. The inverted-U shaped contacts are each composed of two parallel unit pieces (1a) each having two spaced-apart slits (11) for piercing an external insulating mantle (31) and an internal insulating jacket (32) of the cable. Each contact (1) has side cutters (13) to be forced in between the two jackets. The connector body (2) is composed of halves (2a,2b) engaging with one another and each having two parallel grooves (21,22) spaced from each other the same distance as the slits are. Two slots (23) for receiving the contacts are formed in one of the halves, so that the conductors (33) of the same polarity and extending through the branch or existing cable (3,3') are bitten respectively and connected together by the slits (11). <IMAGE>

IPC 1-7
H01R 4/24

IPC 8 full level
H01R 4/24 (2006.01); **H01R 12/61** (2011.01)

CPC (source: EP US)
H01R 4/2454 (2013.01 - EP US); **H01R 12/616** (2013.01 - EP)

Citation (search report)
• [A] WO 9716868 A1 19970509 - MINNESOTA MINING & MFG [US], et al
• [A] EP 0650220 A2 19950426 - MINNESOTA MINING & MFG [US]
• [X] PATENT ABSTRACTS OF JAPAN vol. 1998, no. 10 31 August 1998 (1998-08-31)
• [A] PATENT ABSTRACTS OF JAPAN vol. 1998, no. 03 27 February 1998 (1998-02-27)

Cited by
FR2858059A1; EP1621409A3

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 0961348 A2 19991201; EP 0961348 A3 20000510; EP 0961348 B1 20020703; DE 69806344 D1 20020808; DE 69806344 T2 20030220

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