

Title (en)
Device for manufacturing a connection to a flat cable without insulation displacement

Title (de)
Vorrichtung zur abisolierfreien Herstellung eines Anschlusses an ein Flachkabel

Title (fr)
Dispositif de fabrication une connexion d'un câble plat sans sa dénudation

Publication
EP 2031703 A3 20091230 (DE)

Application
EP 08015558 A 20080903

Priority
DE 102007041815 A 20070903

Abstract (en)
[origin: EP2031703A2] The device has a tapping contact (10) provided with insulations at an edge area to prevent short circuit between data leads to be contacted and a shielding. The contact is arranged in a pressure plate (6), such that connection is established with a flat cable (4). The pressure plate is flexibly supported at a side, so that pressing of the contact to the cable occurs through swiveling movement of the plate. The contact is swivelably arranged at the plate to avoid relative movement between the contact and the cable in a cable longitudinal direction during penetration in the cable.

IPC 8 full level
H01R 4/24 (2006.01); **H01R 12/08** (2006.01); **H01R 43/01** (2006.01)

CPC (source: EP US)
H01R 4/2412 (2013.01 - EP US); **H01R 12/594** (2013.01 - EP); **H01R 13/62938** (2013.01 - EP); **H01R 13/62955** (2013.01 - EP); **H01R 43/01** (2013.01 - EP); **H01R 43/24** (2013.01 - EP)

Citation (search report)

- [AD] EP 1276173 A2 20030115 - DAETWYLER AG [CH]
- [AD] EP 0665608 A2 19950802 - DAEWYLER AG KABEL UND SYSTEME [CH], et al
- [A] EP 1178571 A2 20020206 - FINCANTIERI CANTIERI NAVALI IT [IT]
- [AD] WO 2005057729 A1 20050623 - WOERTZ AG [CH], et al
- [A] DE 10201495 A1 20030814 - WIELAND ELECTRIC GMBH [DE]

Cited by
BE1029186B1; WO2022189524A1

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 MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
EP 2031703 A2 20090304; EP 2031703 A3 20091230; EP 2031703 B1 20110406; AT E504960 T1 20110415; DE 102007041815 A1 20090305; DE 102007041815 B4 20090709; DE 502008003073 D1 20110519

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