

Title (en)

Device for electrically connecting at least two isolated main conductors of a power supply cable, in particular tapping clamp

Title (de)

Vorrichtung zum elektrischen Verbinden von mindestens zwei isolierten Hauptleitern eines Energieversorgungskabels, insbesondere Abzweigklemme

Title (fr)

Dispositif de raccordement électrique d'au moins deux conducteurs principaux isolés d'un câble d'alimentation électrique, en particulier borne de dérivation

Publication

EP 1691449 A3 20060823 (DE)

Application

EP 06010566 A 20040903

Priority

- EP 04020963 A 20040903
- DE 10341997 A 20030903

Abstract (en)

[origin: EP1513226A1] At least one contact element (8,9) is provided in a housing part (6,7) for each connection that is to be made between a main conductor (2,3) of a cable and an associated branch conductor (4,5). A connecting screw (10) is arranged between the two contact elements, and when it is turned, the contact element penetrates both the insulation of the main conductor and the insulation of the branch conductor.

IPC 8 full level

H01R 4/24 (2006.01); **H01R 9/03** (2006.01); **H01R 4/44** (2006.01)

CPC (source: EP US)

H01R 4/2408 (2013.01 - EP US); **H01R 4/40** (2013.01 - EP US); **H01R 4/44** (2013.01 - EP); **H01R 9/031** (2013.01 - EP)

Citation (search report)

- [A] EP 1139496 A2 20011004 - ENSTO SEKKO OY [FI]
- [A] GB 1260902 A 19720119 - ERICSSON TELEFON AB L M [SE]
- [A] EP 0599346 A2 19940601 - ARCUS ELEKTROTECH [DE]
- [A] EP 1089380 A2 20010404 - KARUSSEIT ARNE [DE]
- [A] WO 0145210 A1 20010621 - FRAMATOME CONNECTORS INT [FR], et al

Cited by

EP2333904A1; EP2360789A1; FR2956778A1; EP2360790A1; FR2956779A1; WO2011069852A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1513226 A1 20050309; EP 1513226 B1 20060719; AT E333714 T1 20060815; AT E381122 T1 20071215; AT E381123 T1 20071215; DE 10341997 A1 20050331; DE 502004000978 D1 20060831; DE 502004005728 D1 20080124; DE 502004005729 D1 20080124; EP 1691449 A2 20060816; EP 1691449 A3 20060823; EP 1691449 B1 20071212; EP 1691450 A2 20060816; EP 1691450 A3 20060823; EP 1691450 B1 20071212; ES 2296243 T3 20080416; ES 2296244 T3 20080416

DOCDB simple family (application)

EP 04020963 A 20040903; AT 04020963 T 20040903; AT 06010566 T 20040903; AT 06010567 T 20040903; DE 10341997 A 20030903; DE 502004000978 T 20040903; DE 502004005728 T 20040903; DE 502004005729 T 20040903; EP 06010566 A 20040903; EP 06010567 A 20040903; ES 06010566 T 20040903; ES 06010567 T 20040903