

Title (en)

Device for electrically conductive connecting two or more electrical apparatuses

Title (de)

Vorrichtung zum elektrisch leitenden Verbinden von mindestens zwei elektrischen Geräten

Title (fr)

Dispositif pour connecter électriquement au moins deux appareils électriques

Publication

EP 1039606 A3 20010418 (DE)

Application

EP 00105004 A 20000309

Priority

DE 19913004 A 19990323

Abstract (en)

[origin: EP1039606A2] The device has an insulating rectangular housing with lower (1) and upper (2) parts containing connection elements for conductors of cables for the different equipment. The lower part has an aperture in one long side for strain-relieving insertion of a first cable (9) and guides for insulated cable wires (13) inside the opposite wall that bend through 90 degrees and emanate towards the upper part. The exterior of the upper part has parallel grooves for strain-relieving insertion of a second cable (17) and holes for the stripped end of the conductors (16) of both cables. Contacts for the conductors are mounted inside the upper part. An Independent claim is also included for the use of a device for electrically conducting connection of electrical equipment as a connector in a heating circuit distributor in a heating system.

IPC 1-7

H01R 9/24; **H02G 3/08**

IPC 8 full level

H01R 9/24 (2006.01); **H02G 3/08** (2006.01); **H01R 4/48** (2006.01); **H01R 13/58** (2006.01)

CPC (source: EP)

H01R 4/4821 (2023.08); **H01R 9/2416** (2013.01); **H01R 4/4842** (2023.08); **H01R 13/58** (2013.01)

Citation (search report)

- [A] EP 0027696 A1 19810429 - AMP INC [US]
- [A] US 3960425 A 19760601 - KIRK JR DONALD C, et al

Cited by

EP2264835A1; DE102016012370B4; US7878868B2; WO2009062523A1; EP3309904B1

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 1039606 A2 20000927; **EP 1039606 A3 20010418**; **EP 1039606 B1 20031022**; AT E252772 T1 20031115; DE 50004121 D1 20031127; DK 1039606 T3 20040223

DOCDB simple family (application)

EP 00105004 A 20000309; AT 00105004 T 20000309; DE 50004121 T 20000309; DK 00105004 T 20000309