

Title (en)

Terminal with leaf spring for reduced insertion force

Title (de)

Blattfederanschlussklemme mit reduzierter Einsteckkraft

Title (fr)

Borne à lame ressort à effort d'enfichage atténué

Publication

EP 1612889 A1 20060104 (FR)

Application

EP 04360061 A 20040630

Priority

EP 04360061 A 20040630

Abstract (en)

The device has a maintenance unit that maintains spring blades (1, 1') remote from a conductive surface of a conductive terminal. The maintenance unit consists of an opening that is provided in one of lateral walls (7) of a cover (5). A lug passes from a lateral edge of a free end of the blade, so that the blade (1) is forced to take a position remote from the conductive terminal. An independent claim is also included for a modular electric apparatus including a conductor connecting device.

IPC 8 full level

H01R 4/48 (2006.01); **H01R 13/193** (2006.01)

CPC (source: EP)

H01R 4/4821 (2023.08); **H01R 4/34** (2013.01); **H01R 4/485** (2023.08)

Citation (search report)

- [X] EP 0687033 A2 19951213 - WHITAKER CORP [US]
- [A] DE 19825629 A1 19991216 - SIEMENS AG [DE]
- [X] PATENT ABSTRACTS OF JAPAN vol. 2002, no. 09 4 September 2002 (2002-09-04)

Cited by

CN102347545A; WO2015159002A1

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 1612889 A1 20060104; EP 1612889 B1 20080130; AT E385350 T1 20080215; AU 2005266248 A1 20060202; AU 2005266248 B2 20100930; BR PI0512446 A 20080304; BR PI0512446 B1 20171121; DE 602004011607 D1 20080320; DE 602004011607 T2 20090129; WO 2006010861 A1 20060202

DOCDB simple family (application)

EP 04360061 A 20040630; AT 04360061 T 20040630; AU 2005266248 A 20050629; BR PI0512446 A 20050629; DE 602004011607 T 20040630; FR 2005001658 W 20050629