

Title (en)

Double connecting device for electrical apparatus such as circuit breaker

Title (de)

Zweifache Verbindungseinrichtung für elektrische Vorrichtungen insbesondere für Leistungsschalter

Title (fr)

Dispositif de connexion double pour appareils électriques du type disjoncteur

Publication

EP 1505692 B1 20121205 (FR)

Application

EP 04360070 A 20040720

Priority

FR 0308950 A 20030722

Abstract (en)

[origin: EP1505692A1] The device has a spring blade (3) cooperating with a retainer ring (1) such that a tooth of a bridging bar is guided at contact and at immediate vicinity of an outer surface of a wall of the ring. The tooth is guided when it is plugged in. The wall is opposite to a wall receiving a screw (2). The blade is in the form of a loop surrounding the ring wall. An opening of the loop is oriented in an extension for inserting the ring.

IPC 8 full level

H01R 4/36 (2006.01); **H01R 9/24** (2006.01); **H01R 11/01** (2006.01); **H01R 11/05** (2006.01); **H01R 13/11** (2006.01); **H01R 13/115** (2006.01); **H01R 4/30** (2006.01)

CPC (source: EP)

H01R 4/363 (2013.01); **H01R 4/48185** (2023.08); **H01R 9/26** (2013.01); **H01R 4/301** (2013.01)

Citation (examination)

DE 2308518 B1 19740522 - WIELAND FRIEDRICH DR-ING

Cited by

EP1978598A3; DE202006009459U1; EP1796214A1; EP2429037A1; CN106207506A; GB2577160A; GB2577160B; US10177470B2; US7566234B2; DE102005052982A1; DE102005052982B4; EP3333981A1; FR3060216A1

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 1505692 A1 20050209; EP 1505692 B1 20121205; EP 2498340 A1 20120912; FR 2858120 A1 20050128; FR 2858120 B1 20060210

DOCDB simple family (application)

EP 04360070 A 20040720; EP 12002505 A 20040720; FR 0308950 A 20030722