

Title (en)
Clamping connector for a conductor line

Title (de)
Klemmverbinder für eine Schleifleitung

Title (fr)
Connecteur de serrage pour une ligne de contact

Publication
EP 2028731 A3 20100728 (DE)

Application
EP 08160530 A 20080716

Priority
DE 102007039143 A 20070818

Abstract (en)
[origin: EP2028731A2] The line (1) has a housing (2), and conductor strips (4, 6) running through the housing. A connector connects the conductor strips of adjacent sections (1a, 1b) of the line. The electrical conductor strips are bent outward at ends of the conductor line sections for electrical connection of the conductor strips. The conductor strips are bent outward around 180 degrees. The connector is designed as a binder, which encompasses the bent ends of the conductor strips and presses in a region of its bend to form a contact surface (5). An independent claim is also included for a method for connecting conductor strips of adjacent sections of a conductor line.

IPC 8 full level
H01R 41/00 (2006.01); **H01R 4/18** (2006.01); **H01R 25/14** (2006.01); **H01R 25/16** (2006.01); **H02G 5/04** (2006.01)

CPC (source: EP US)
H01R 4/16 (2013.01 - EP US); **H01R 4/18** (2013.01 - EP US); **H01R 25/145** (2013.01 - EP US); **H01R 25/162** (2013.01 - EP US); **Y10T 24/1482** (2015.01 - EP US); **Y10T 29/49208** (2015.01 - EP US)

Citation (search report)

- [A] EP 0771999 A2 19970507 - BRILONER LEUCHTEN GMBH [DE]
- [A] DE 10227079 A1 20030206 - WOODHEAD IND INC [US]
- [A] DE 2910470 A1 19790927 - FELS CONST ELECTRIQUES
- [A] DE 29602589 U1 19960404 - WAMPFLER GMBH [DE]
- [A] EP 0938168 A2 19990825 - MANNESMANN AG [DE]

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EP3246993A1

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 2028731 A2 20090225; EP 2028731 A3 20100728; EP 2028731 B1 20121121; DE 102007039143 A1 20090219; DE 102007039143 B4 20100617; US 2009047810 A1 20090219; US 7785120 B2 20100831

DOCDB simple family (application)
EP 08160530 A 20080716; DE 102007039143 A 20070818; US 19264108 A 20080815