

Title (en)

ELECTRICAL CONNECTING DEVICE FOR CONTACTING CONDUCTOR STRANDS

Title (de)

ELEKTRISCHE VERBINDUNGSVORRICHTUNG ZUM KONTAKTIEREN VON LEITERADERN

Title (fr)

DISPOSITIF DE CONNEXION ELECTRIQUE POUR METTRE EN CONTACT DES BRINS DE CONDUCTEURS

Publication

EP 1142070 B1 20030416 (DE)

Application

EP 99964677 A 19991227

Priority

- DE 29823255 U 19981230
- DE 29823256 U 19981230
- EP 9910398 W 19991227

Abstract (en)

[origin: EP1016821A1] The system has a bearing rail fixed at a wall or ceiling with two wire combinations consisting of at least two wires running parallel in same plane. There are electric coupling parts and several elongated lamps The strip light system includes a carrying rail (3) to be fixed at a wall or ceiling, with two wire combinations (31,32) consisting respectively of at least two wires, running parallel and approximately in the same plane (E). Each wire combination is provided with electric coupling parts (13a1,13a2) at distances extending in the longitudinal direction of the wires, which are connected electrically with the wires of the wire combination. The coupling parts of the two combinations are arranged displaced near each other or in the longitudinal direction of the wires. Several elongated lamps are provided, and can be positioned one behind the other in the longitudinal direction on the carrying rail (3), laterally on the rail. Two lamp types can be selected, one lamp part (Ab) of which, only has a counter coupling element. A second lamp part (Aa), has two counter coupling elements (13b1,13b2) lying close together.

IPC 1-7

H01R 25/16; **F21V 23/06**

IPC 8 full level

F21S 4/00 (2006.01); **F21V 21/02** (2006.01); **F21V 23/06** (2006.01); **F21V 27/00** (2006.01); **H01R 25/14** (2006.01); **H01R 25/16** (2006.01)

CPC (source: EP US)

F21S 4/20 (2016.01 - EP US); **F21V 21/025** (2013.01 - EP US); **F21V 23/06** (2013.01 - EP US); **F21V 27/00** (2013.01 - EP US); **H01R 25/165** (2013.01 - EP US); **F21S 2/00** (2013.01 - EP US); **F21Y 2103/00** (2013.01 - EP US)

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 1016821 A1 20000705; **EP 1016821 B1 20060621**; **EP 1016821 B2 20140108**; AT E237876 T1 20030515; AT E245266 T1 20030815; AT E331186 T1 20060715; AU 2286600 A 20000724; AU 3043800 A 20000724; AU 752657 B2 20020926; CA 2356524 A1 20000713; CA 2356524 C 20080422; CA 2356874 A1 20000713; CA 2356874 C 20091013; DE 59905113 D1 20030522; DE 59906312 D1 20030821; DE 59913589 D1 20060803; DK 1141624 T3 20030922; DK 1142070 T3 20030602; EP 1141624 A1 20011010; EP 1141624 B1 20030716; EP 1142070 A1 20011010; EP 1142070 B1 20030416; ES 2196907 T3 20031216; ES 2203244 T3 20040401; NO 20013273 D0 20010629; NO 20013273 L 20010629; NO 20013277 D0 20010629; NO 20013277 L 20010827; NO 319792 B1 20050912; NO 329138 B1 20100830; NZ 511684 A 20030630; PT 1141624 E 20031031; PT 1142070 E 20030829; US 2001045347 A1 20011129; US 2002003702 A1 20020110; US 6491410 B2 20021210; US 6541720 B2 20030401; WO 0040896 A1 20000713; WO 0041277 A1 20000713

DOCDB simple family (application)

EP 99126028 A 19991227; AT 99126028 T 19991227; AT 99964677 T 19991227; AT 99967014 T 19991227; AU 2286600 A 19991227; AU 3043800 A 19991227; CA 2356524 A 19991227; CA 2356874 A 19991227; DE 59905113 T 19991227; DE 59906312 T 19991227; DE 59913589 T 19991227; DK 99964677 T 19991227; DK 99967014 T 19991227; EP 9910397 W 19991227; EP 9910398 W 19991227; EP 99964677 A 19991227; EP 99967014 A 19991227; ES 99964677 T 19991227; ES 99967014 T 19991227; NO 20013273 A 20010629; NO 20013277 A 20010629; NZ 51168499 A 19991227; PT 99964677 T 19991227; PT 99967014 T 19991227; US 89364101 A 20010629; US 89661701 A 20010702