

Title (en)

Lamp, operating device, bus bar, circuit arrangement and bus bar adapter

Title (de)

Leuchte, Betriebsgerät, Stromschiene, Schaltungsanordnung und Stromschienen-Adapter

Title (fr)

Luminaire, dispositif de contrôle, barre omnibus, disposition de circuit et adaptateur à un bar omnibus

Publication

EP 1717911 A3 20090722 (DE)

Application

EP 06007916 A 20060414

Priority

DE 102005019632 A 20050426

Abstract (en)

[origin: EP1717911A2] The lighting device includes a connector (17) for coupling with a voltage supply line for a light source, and another connector (18) for coupling with a signal line to receive control information. A replaceable or adjustable safety device (25) is coupled to one connector (18) for ensuring protection against overvoltage. The connectors are arranged in the ballast (15) which operates the lighting device. The connector (18) includes input ports (22a,22b,24a,24b) connected to the signal lines and connected to a resistor (26) which short-circuits when large current flows through the input ports. Independent claims are included for the following: (1) Ballast for operating the lighting device; (2) Busbar; (3) Switching configuration of the lighting device; and (4) Busbar adapter.

IPC 8 full level

H01R 33/95 (2006.01); **H01R 25/16** (2006.01); **H01R 33/94** (2006.01); **H01R 33/955** (2006.01)

CPC (source: EP US)

H01R 25/14 (2013.01 - EP US); **H01R 25/142** (2013.01 - EP US); **H01R 33/945** (2013.01 - EP US); **H01R 33/95** (2013.01 - EP US); **H01R 33/955** (2013.01 - EP US); **H01R 13/447** (2013.01 - EP US)

Citation (search report)

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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1717911 A2 20061102; **EP 1717911 A3 20090722**; **EP 1717911 B1 20120725**; DE 102005019632 A1 20061109; US 2007015388 A1 20070118; US 7320610 B2 20080122

DOCDB simple family (application)

EP 06007916 A 20060414; DE 102005019632 A 20050426; US 40956006 A 20060421