

Title (en)

CURRENT SUPPLY DEVICE FOR LOW VOLTAGE EQUIPMENT

Title (de)

FUNKTIONSKLEINSPANNUNGS-STROMSPEISEEINRICHTUNG

Title (fr)

DISPOSITIF D'ALIMENTATION EN COURANT POUR APPAREILS BASSE TENSION

Publication

EP 0795216 B1 19990120 (DE)

Application

EP 95937715 A 19951129

Priority

- AT 9500234 W 19951129
- AT 223194 A 19941201

Abstract (en)

[origin: WO9617414A1] A current supply device for low voltage equipment, in particular lamps, has at least one conductor rail (1; 1'; 1"; 1''') shaped as a section (2; 2'; 2"; 2''') with at least one longitudinal groove (3, 3'a, 3'b; 3"a, 3"b; 3''') in which is arranged at least one current lead (6; 6'; 6"; 6'a, 6'b; 6"a, 6"b; 6''a, 6''b) capable of contacting a current consumer (10; 10'; 10"; 10''') that has a thread as mechanical holding means capable of being screwed into the longitudinal groove. The current lead is preferably arranged at the bottom (4, 4'a, 4'b) of the longitudinal groove (3; 3'a, 3'b) and is insulated on all sides with soft plastics or rubber. The face of the current consumer (10) has a contact shaped as a point (14) that punctures the current lead insulation when the thread is screwed down. The side walls (8) of the longitudinal groove (3) may have flutes (9) that correspond to the thread of holding means (11).

IPC 1-7

H01R 25/14; F21V 21/34

IPC 8 full level

F21V 21/002 (2006.01); **F21V 21/34** (2006.01); **H01R 4/24** (2006.01); **H01R 25/14** (2006.01)

CPC (source: EP US)

F21V 21/002 (2013.01 - EP US); **F21V 21/34** (2013.01 - EP US); **H01R 4/2483** (2013.01 - EP US); **H01R 25/14** (2013.01 - EP US); **H01R 25/142** (2013.01 - EP US)

Cited by

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DOCDB simple family (publication)

WO 9617414 A1 19960606; AT E176096 T1 19990215; AU 3863595 A 19960619; CA 2199365 A1 19960606; DE 59504938 D1 19990304; EP 0795216 A1 19970917; EP 0795216 B1 19990120; US 5890918 A 19990406

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