

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 A1 19970917 (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)

Citation (search report)  
See references of WO 9617414A1

Cited by  
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