

Title (en)
LOW-VOLTAGE LIGHTING SYSTEM

Publication
EP 0304513 A3 19900228 (DE)

Application
EP 87119214 A 19871224

Priority
• DE 8711457 U 19870824
• DE 8711458 U 19870824

Abstract (en)
[origin: EP0304513A2] In a low-voltage lighting system which consists of at least one busbar (1), which can be secured on the sub-floor, and lighting fittings (23) which can be mounted on said busbar by means of adaptors, the busbar (1) consisting of at least two mutually parallel rods (2, 3) of magnetic material which are at different electrical potentials and are separated from one another by an insulating layer (6), it is proposed according to the invention that the contact surfaces of the rods (2, 3) are located next to one another in a plane and the insulating layer (6) between the mutually facing surfaces (4, 5) of the neighbouring rods (2, 3) connects the latter with one another to the busbar (1) and that the adaptors (8) have two mutually parallel electrically and magnetically conducting contact surfaces (12, 13) arranged in one plane for collecting current from the neighbouring contact surfaces of the rods (2, 3), the contact surfaces (12, 13) of the adaptors (8) being separated from one another by an electrically non-conducting permanent magnet (11) and mounted on the latter (Fig. 4). <IMAGE>

IPC 1-7
F21V 21/34

IPC 8 full level
F21V 21/34 (2006.01); **H01R 25/14** (2006.01); **H02G 5/00** (2006.01)

CPC (source: EP)
F21V 21/35 (2013.01); **H01R 25/142** (2013.01); **F21V 21/30** (2013.01); **H01R 13/6205** (2013.01)

Citation (search report)
• [A] FR 1400179 A 19650521 - PHILIPS NV
• [A] FR 1600124 A 19700720
• [A] WIRELESS WORLD, Dezember 1960, Seiten 595-598, Haywards Heath, Sussex, GB; J.W. BUNN et al.: "Ceramic permanent magnets"

Cited by
DE29514672U1; EP1903637A3; EP2487756A1; WO2007145446A3

Designated contracting state (EPC)
DE

DOCDB simple family (publication)
EP 0304513 A2 19890301; **EP 0304513 A3 19900228**; **EP 0304513 B1 19950308**; DE 3751145 D1 19950413

DOCDB simple family (application)
EP 87119214 A 19871224; DE 3751145 T 19871224