

Title (en)
Electrical supply rail.

Title (de)
Elektrische Einspeisungsschiene.

Title (fr)
Rampe d'alimentation électrique.

Publication
EP 0126023 A2 19841121 (FR)

Application
EP 84810083 A 19840216

Priority
• CH 211983 A 19830420
• CH 419683 A 19830802

Abstract (en)
1. Electrical supply rail (1) with a series of pairs of electrical contacts (16), each designed to take one electrical load (21, 36, 73), consisting of two electrical conductors in the form of metal strips (15) with projections (16) placed at preset distances along the conductors (15) and designed to make contact with the loads (21, 36, 73), the conducting strips (15) being mounted on two wings (4, 5) of an insulating bracket at right angles to one another, the characteristic feature of which is that the insulating support is in the form of identical modules (23) joined end to end, each module (2, 3) having at its ends connecting pieces (12, 13) designed to allow the modules to be connected together to produce a bracket of greater length than that of each module, each of the two wings at right angles (4, 5) of each module (2, 3) having a series of slots (7) at set distances corresponding to the set distances between the projections (16) on the electrical conductors (15), in such a way as to enable the conductors to be fitted to the back of the bracket wings (4, 5) formed by the series of modules (2, 3), the projections (16) penetrating the slots (7) and entering the inside of the profile formed by the bracket.

Abstract (fr)
La rampe d'alimentation électrique présente une succession de paires de contacts électriques (16) destinées à recevoir chacune un élément consommateur de courant (21), notamment une lampe navette, la rampe comprend une suite de modules isolants présentant des fentes (7) placées à des distances prédéterminées le long des ailes (4, 5) des modules (2, 3), des bandes conductrices métalliques (15) comprenant des parties en saillies (16) étant appliquées au dos de chacune des ailes (4, 5) de la suite de modules (2, 3). Les parties en saillies (16), qui sont disposées le long des bandes (15) à des distances correspondant aux distances entre les fentes (7), traversent les fentes (7) pour être projetées à l'intérieur des modules et former les contacts électriques. La rampe présente des adaptateurs permettant d'utiliser les lampes à contact fourchette, notamment des lampes halogènes.

IPC 1-7
F21P 1/00; H01R 33/02

IPC 8 full level
F21S 4/00 (2006.01); **F21V 19/00** (2006.01); **H01R 33/02** (2006.01); **H01R 33/09** (2006.01)

CPC (source: EP US)
F21S 4/20 (2016.01 - EP); **F21V 19/0005** (2013.01 - EP); **F21V 19/008** (2013.01 - EP); **F21V 19/0085** (2013.01 - EP); **H01R 33/02** (2013.01 - EP); **H01R 33/09** (2013.01 - EP US); **F21Y 2103/00** (2013.01 - EP US); **F21Y 2113/20** (2016.07 - EP)

Cited by
WO0190635A1; EP0455318A3; FR2588713A1; DE4006004A1; EP0375623A3; GB2216738A; GB2216738B; EP1970386A2; WO8706326A1; US6817877B1

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