

Title (en)
Light tube arrangement

Title (de)
Lichtbandanordnung

Title (fr)
arrangement de tubes luminescents en bande

Publication
EP 0621439 B1 19980107 (DE)

Application
EP 93106399 A 19930420

Priority
EP 93106399 A 19930420

Abstract (en)
[origin: EP0621439A1] For fitting luminaire inserts with electrical or mechanical components (3), spring brackets (4), which engage in a latching manner into the profile of a supporting sheet metal (2) of the luminaire insert, are standardly used as fastening elements. The trough-shaped supporting sheet-metal profile has on both sides of the edge a shoulder (22), which runs inwardly at the sides, as bearing surface on the supporting rail (1) of the luminous rail arrangement and at the upper edge a side edge (23) which is bent off inwardly at an acute angle. The spring brackets (4) have latching tabs (41) which are cut off their side walls and are bent off and which in the assembled state engage behind the side edges (23) of the supporting sheet-metal (2). <IMAGE>

IPC 1-7
F21S 3/02; F21V 23/00

IPC 8 full level
F21S 4/00 (2006.01); **F21V 17/16** (2006.01); **F21V 21/005** (2006.01); **F21V 21/02** (2006.01); **F21V 23/00** (2006.01); **F21V 23/02** (2006.01); **F21V 27/00** (2006.01)

CPC (source: EP)
F21V 17/164 (2013.01); **F21V 21/025** (2013.01); **F21V 23/026** (2013.01); **F21V 27/00** (2013.01)

Cited by
CN106801850A; EP0826923A3; KR101449935B1; EP0693655A1; EP2886946A1; CH709008A1; WO2012139289A1; EP0898686B2

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI NL PT SE

DOCDB simple family (publication)
EP 0621439 A1 19941026; EP 0621439 B1 19980107; AT E161934 T1 19980115; DE 59307945 D1 19980212

DOCDB simple family (application)
EP 93106399 A 19930420; AT 93106399 T 19930420; DE 59307945 T 19930420