

Title (en)

Modular framework for illuminated signs using flexible material

Title (de)

Modulare Rahmenanordnung für beleuchtete Lichtanzeigen mit flexiblem Material

Title (fr)

Encadrement d'assemblage modulaire pour signes illuminées utilisant du matériel flexible

Publication

EP 0519161 B1 19961016 (EN)

Application

EP 92104128 A 19920311

Priority

IT MI911051 A 19910416

Abstract (en)

[origin: EP0519161A2] Knockdown-elements framework for light signs, comprising a plurality of vertically arranged section bars (11) with quadrangular cross-section, one pair of edge section bars (1) with "L"-shaped cross-section, horizontally arranged in mutual opposite relation, a plurality of section bars with triangular cross-section (14), affixed, as pairs, on each vertical section bar (11), and with a continuous "U"-shaped seat (14a) at 45\circ relatively to the relevant vertical section bar, one pair of horizontally arranged section bars (17) with box-like cross-section, provided with a flange (17b) designed to support the sign, a quadrangular hollow designed to support the flexible sheet stretching device, a continuous, quadrangular seat (17a) at 45\circ opposite to the corresponding seat of said triangular section bars, and a groove-like seat (30) designed to slidably support light reflective plates, a plurality of section bars (29) also provided with groove-like seats at 45\circ in order to slidably support the other side of said plates, a plurality of section bars (16) with quadrangular cross-section arranged at 45\circ relatively to the vertical section bars inserted inside the seats provided in the triangular section bars and in the section bars with box-like cross-section, and plate-shaped covering elements (8) installed both above and under the structure. <IMAGE>

IPC 1-7

G09F 13/04; **G09F 15/00**

IPC 8 full level

G09F 13/04 (2006.01); **G09F 15/00** (2006.01)

CPC (source: EP)

G09F 13/04 (2013.01); **G09F 13/0454** (2021.05); **G09F 15/0025** (2013.01)

Cited by

EP0585741A3; CN104276083A; ES2120918A1; CN104276074A; EP0628943A1; US4905204A

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR LI NL PT SE

DOCDB simple family (publication)

EP 0519161 A2 19921223; **EP 0519161 A3 19930512**; **EP 0519161 B1 19961016**; AT E144344 T1 19961115; CZ 113192 A3 19940518; CZ 282112 B6 19970514; DE 69214524 D1 19961121; DE 69214524 T2 19970306; DK 0519161 T3 19961118; ES 2093730 T3 19970101; HU 212406 B 19960628; HU 9201078 D0 19920828; HU T61068 A 19921130; IT 1246610 B 19941124; IT MI911051 A0 19910416; IT MI911051 A1 19921016; PL 168703 B1 19960329; PL 294220 A1 19921130; SK 113192 A3 19950412; SK 280722 B6 20000612

DOCDB simple family (application)

EP 92104128 A 19920311; AT 92104128 T 19920311; CS 113192 A 19920414; DE 69214524 T 19920311; DK 92104128 T 19920311; ES 92104128 T 19920311; HU 9201078 A 19920331; IT MI911051 A 19910416; PL 29422092 A 19920414; SK 113192 A 19920414