

Title (en)

An optical guide matrix for a dot-matrix luminous display.

Title (de)

Matrix aus optischen Leitern für eine Punktmatrix-Leuchtanzeige.

Title (fr)

Matrice à guides optiques pour une enseigne lumineuse à matrice de points.

Publication

EP 0206176 A2 19861230 (EN)

Application

EP 86108122 A 19860613

Priority

- JP 9924885 U 19850628
- JP 10345685 U 19850705

Abstract (en)

A matrix display board in which linear electrodes are perpendicularly arranged on opposite sides of an insulating board, with luminous elements at each electrical intersection. A masking member which is made of a material having Young's modulus not higher than 100 kg/cm² or not lower than 5x10⁵ kg/cm², is joined to the surface having the luminous elements with through-holes corresponding to the luminous elements. The through-holes are shaped and/or filled with a light transmitting material having a concave portion, in order to increase luminous flux density around luminous parts.

IPC 1-7

G09F 9/33; **G09F 13/22**

IPC 8 full level

G09F 9/33 (2006.01); **G09F 13/22** (2006.01)

CPC (source: EP)

G09F 9/33 (2013.01); **G09F 13/22** (2013.01); **G09F 2013/222** (2013.01)

Cited by

CN114770971A; GB2206444A; DE102012100426A1; GB2225897A; GB2225897B; GB2366900A; GB2366900B; GB2226185A; GB2226185B; US9366425B2; WO02069308A3; WO2008046241A1; WO2015192430A1; WO2005050598A1; WO2016022323A1

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