

Title (en)
AN OPTICAL GUIDE MATRIX FOR A DOT-MATRIX LUMINOUS DISPLAY

Publication
EP 0206176 B1 19920102 (EN)

Application
EP 86108122 A 19860613

Priority
• JP 9924885 U 19850628
• JP 10345685 U 19850705

Abstract (en)
[origin: EP0206176A2] 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/cm<2> or not lower than 5x10<5> kg/cm<2>, 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
GB2206444A; CN114770971A; DE102012100426A1; GB22225897A; GB22225897B; GB2366900A; GB2366900B; GB2226185A; GB2226185B; US9366425B2; WO2015192430A1; WO02069308A3; WO2008046241A1; WO2005050598A1; WO2016022323A1

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
EP 0206176 A2 19861230; **EP 0206176 A3 19871125**; **EP 0206176 B1 19920102**; DE 3683195 D1 19920213; HK 47095 A 19950407

DOCDB simple family (application)
EP 86108122 A 19860613; DE 3683195 T 19860613; HK 47095 A 19950330