

Title (en)

Improvements in or relating to variable message display

Title (de)

Verbesserung im Bezug auf Anzeigevorrichtungen mit wechselnder Anzeige

Title (fr)

Améliorations pour dispositifs d'affichage à message variable

Publication

EP 0872822 A3 19991201 (EN)

Application

EP 98201077 A 19980406

Priority

GB 9707675 A 19970416

Abstract (en)

[origin: EP0872822A2] The module is for use in a variable message display and comprises a holder 8 which can accommodate up to nine light emitting diodes which together form one pixel of the display. The holder is provided with a plurality of fins 11 which extend across and over the light emitting diodes to shade the diodes from sunlight. The ends 12 of the fins 11 are reduced in surface area so that the amount of surface which can reflect light is also reduced. The holder 8 is provided with a plurality of holes 10 to accommodating the light emitting diodes and each hole is provided with a protrusions 13 which are suitably shaped so that light emitting diodes having different diameters can be accommodated, thereby enabling the diodes to be correctly mounted in a tight fitting manner. The module is also provided with retaining means 4, 5 which enable the module to be secured to a printed circuit board. <IMAGE>

IPC 1-7

G09F 9/33

IPC 8 full level

G09F 9/33 (2006.01)

CPC (source: EP)

G09F 9/33 (2013.01); **G09F 27/008** (2013.01)

Citation (search report)

- [XA] EP 0296727 A2 19881228 - ASAHI CHEMICAL IND [JP]
- [XA] EP 0509522 A1 19921021 - TAKIRON CO [JP]
- [E] EP 0883100 A2 19981209 - S I M S P A [IT]
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EP1645800A3; GB2324598B

Designated contracting state (EPC)

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EP 0872822 A2 19981021; EP 0872822 A3 19991201; CA 2231730 A1 19981016; GB 2324363 A 19981021; GB 2324363 B 20010516; GB 9707675 D0 19970604

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