Title (en)

LUMINOUS COLOUR SIGN FOR INFORMATION DISPLAY

Publication

EP 0196709 B1 19900110 (FR)

Application

EP 86200452 A 19860320

Priority

FR 8504473 A 19850326

Abstract (en)

[origin: US4755807A] A device for the display of data, comprising on the one hand a matrix of luminous dots (11a, 11b, . . . 11n) each of which is constituted by at least one pair of light-emitting diodes arranged in anti-parallel with the color of the light emitted by one diode of the pair being different from that of the other diode, and comprising on the other hand, an electric a.c. voltage supply source (16) whose output terminals (17 and 18) can be coupled to the supply terminals of the luminous dots by electronic switches (25a, 25b . . . 25m) controlled by a control signal generator (30). A color variation requirement, referred to as "background" of the sign, is obtained by rendering the electronic switches (25a, 25b, . . 25m) conducting during one and/or the other cycles of the supply voltage, while the data to be displayed are formed by the assembly of luminous dots (11i, 11j) whose connections are connected to the supply source (16) in accordance with a polarity which is inverse to that of other luminous dots which constitute the complementary "background" hue.

IPC 1-7

G09F 9/33; G09F 13/22

IPC 8 full level

G06F 3/147 (2006.01); **G09F 9/33** (2006.01); **G09F 13/22** (2006.01); **G09G 3/32** (2016.01)

CPC (source: EP KR US)

G09F 9/33 (2013.01 - EP KR US); **G09F 13/22** (2013.01 - EP KR US); **G09G 3/3611** (2013.01 - KR); G09F 2013/222 (2013.01 - EP KR US)

Cited by

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