

Title (en)
Matrix display device

Title (de)
Matrixförmige Anzeigevorrichtung

Title (fr)
Dispositif d'affichage matriciel

Publication
EP 0565869 B1 19960731 (DE)

Application
EP 93103968 A 19930311

Priority
DE 4212125 A 19920413

Abstract (en)
[origin: US5406302A] A display device having matrix points arranged in n columns and m lines and comprising four partial image points of different colors distributed on two half-columns and two half-lines. Each partial image point has an optical fiber correspondingly illuminated in color, the light-emitting end of which can be covered and uncovered by a pulsed, electrically triggerable magnetically bistable flap. The electromagnets of the flap are controlled with a setting and a setting reference potential for uncovering the ends of the optical fibers, and with a return and a return reference potential for covering the ends of the optical fibers, by a control device in accordance with display information selected from a memory device. By renewed triggering of the matrix, arbitrary display information can be displayed very rapidly and with a simple design of the matrix and the control device.

IPC 1-7
G09F 9/37; **G09G 3/34**

IPC 8 full level
G09F 9/305 (2006.01); **G09F 9/37** (2006.01); **G09G 3/34** (2006.01)

CPC (source: EP US)
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Designated contracting state (EPC)
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DOCDB simple family (publication)
US 5406302 A 19950411; AT E141021 T1 19960815; CA 2093897 A1 19931014; CA 2093897 C 19980721; DE 4212125 C1 19930401; DE 59303346 D1 19960905; EP 0565869 A2 19931020; EP 0565869 A3 19940406; EP 0565869 B1 19960731; NO 931348 D0 19930407; NO 931348 L 19931014; SG 46533 A1 19980220

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