

Title (en)
APPARATUS AND METHOD FOR CONTROLLING AN OPTOELECTRONICAL DISPLAY DEVICE

Publication
EP 0178421 A3 19890510 (DE)

Application
EP 85110405 A 19850820

Priority
DE 3434118 A 19840917

Abstract (en)
[origin: US4839636A] A device for controlling an opto-electronic display device has dot-matrix display elements (15), a controller (10) which has an addressable dot-matrix character table (addresses 20-35; 36-41 as well as 45 (in part), 46 and 47), a program control device as character generator and at least one driver (19). Information can be displayed in dot-matrix form. In order to display, in parallel, other information in a segment display, the addressable dot-matrix character table has an additional, similarly addressable and structured table part (addresses 20-35 as well as 42-44 and 45 (in part)), in which, instead of dot-matrix data, segment data containing the segment character set are stored in a code which is constructed according to segment connections (electrode connections S1-S3; Z1-Z5). The character table (17) which has been expanded in this manner can be controlled by the expanded program control device and is connected via the driver (19), adapted to the segment display elements, with the dot-matrix display elements (15) and with the segment display elements (11-14).

IPC 1-7
G09G 3/04

IPC 8 full level
G09G 3/20 (2006.01); **G09G 3/04** (2006.01)

CPC (source: EP US)
G09G 3/04 (2013.01 - EP US)

Citation (search report)
• [A] US 4110967 A 19780905 - FUJITA HIRO
• [E] FR 2568396 A1 19860131 - TOKYO ELECTRIC CO LTD [JP]

Designated contracting state (EPC)
DE FR GB IT NL SE

DOCDB simple family (publication)
DE 3434118 A1 19860320; DE 3583646 D1 19910905; EP 0178421 A2 19860423; EP 0178421 A3 19890510; EP 0178421 B1 19910731; JP S6173997 A 19860416; US 4839636 A 19890613

DOCDB simple family (application)
DE 3434118 A 19840917; DE 3583646 T 19850820; EP 85110405 A 19850820; JP 20358885 A 19850917; US 77694685 A 19850917