

Title (en)
DISPLAY DEVICE

Publication
EP 0315365 A3 19910320 (EN)

Application
EP 88310086 A 19881027

Priority
GB 8725824 A 19871104

Abstract (en)
[origin: EP0315365A2] A display device (1) comprises a matrix of selectively settable liquid crystal display cells defined by areas of overlap between members (5-13) of a set of row electrodes and members (2-4) of a set of column electrodes. A first column electrode (2, 3, 4) comprises a plurality of first column portions (a, b, c; A, B, C), each defining a sub-matrix (14, 15, 16). The display device (1) further comprises means (not shown) for driving said first column electrode; selectively operable means (17-22; 40-48) for switching for permitting selective electrical connection from each first column portion to the driving means and means (not shown) for addressing simultaneously rows in more than one sub-matrix.

IPC 1-7
G09G 3/36

IPC 8 full level
G09G 3/36 (2006.01)

CPC (source: EP)
G09G 3/3644 (2013.01); **G09G 3/3648** (2013.01)

Citation (search report)
• [A] GB 2139795 A 19841114 - CITIZEN WATCH CO LTD
• [A] EP 0105767 A1 19840418 - COMMISSARIAT ENERGIE ATOMIQUE [FR]
• [A] MOLECULAR CRYSTALS & LIQUID CRYSTALS, vol. 139, nos. 1-2, 1986, pages 81-101, Montreux, CH; E. KANEKO: "Directly addressed matrix liquid crystal display panel with high information content"

Cited by
US6624865B2; EP0730256A1; US7215311B2; US7023419B2; WO0248780A3; WO0239178A3; WO2004066251A1; WO0248780A2

Designated contracting state (EPC)
AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)
EP 0315365 A2 19890510; EP 0315365 A3 19910320; EP 0315365 B1 19940316; AT E103092 T1 19940415; DE 3888451 D1 19940421; DE 3888451 T2 19940929; GB 8725824 D0 19871209

DOCDB simple family (application)
EP 88310086 A 19881027; AT 88310086 T 19881027; DE 3888451 T 19881027; GB 8725824 A 19871104