

Title (en)

ACTIVE MATRIX FOR A LIQUID CRYSTAL DISPLAY DEVICE

Title (de)

AKTIVMATRIX FÜR EIN FLÜSSIGKRISTALLANZEIGEBAUUELEMENT

Title (fr)

MATRICE ACTIVE POUR UN DISPOSITIF D'AFFICHAGE A CRISTAL LIQUIDE

Publication

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Application

EP 06778108 A 20060801

Priority

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Abstract (en)

[origin: WO2007014953A1] An active matrix for a liquid crystal display device comprises pixel electrodes arranged according to a cross grating of rows and columns. Associated to each electrode pixel, an electronic control device is provided that has a first switching element (T) connected between the pixel electrode (Ep_{i,j}) and an associated column (col_j), a control electrode (g) of the first switching element (T) being connected to an associated line (r_i). The control device comprises an initialization circuit for said pixel electrode comprising a second switching element (T'), connected to the pixel electrode (EP_{i,j}) and of which a control electrode (g') is connected to a preceding row (r_{i-1}) of the grating. The invention is for use in active matrix bistable nematic displays.

IPC 8 full level

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CPC (source: EP KR US)

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