

Title (en)

Active-matrix display device with reduced number of electrodes

Title (de)

Aktivmatrix-Anzeigevorrichtung mit verringerter Anzahl von Electroden

Title (fr)

Dispositif d'affichage à matrice active avec un nombre réduit d'électrodes

Publication

**EP 1605431 A1 20051214 (EN)**

Application

**EP 04300319 A 20040609**

Priority

EP 04300319 A 20040609

Abstract (en)

An active-matrix display device in which a plurality of pixel circuits (P11-Pnm) are arranged in a matrix and positioned at intersections of data lines (DL1-DLm) and scan lines (SL1-SLn) extending in respective directions perpendicular to each other, and one of the pixel circuits is selected by one of the scan lines to store data provided by one of the data lines, characterized in that two electrodes for providing a power-supply potential and a ground potential, respectively, are connected to a given one (Pk1) of the pixel circuits, and one of the two electrodes is one (SLk) of the scan lines.

IPC 1-7

**G09G 3/32**; G09G 3/20

IPC 8 full level

**G09G 3/32** (2006.01); G09G 3/20 (2006.01)

CPC (source: EP)

**G09G 3/3258** (2013.01); G09G 3/2014 (2013.01); G09G 2300/0465 (2013.01); G09G 2300/0857 (2013.01); G09G 2310/0262 (2013.01); G09G 2310/066 (2013.01)

Citation (search report)

- [X] EP 0653741 A1 19950517 - NEC CORP [JP]
- [X] US 6380689 B1 20020430 - OKUDA YOSHIYUKI [JP]
- [X] US 6475845 B2 20021105 - KIMURA HAJIME [JP]

Cited by

CN113781951A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

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