

Title (en)

A DRIVE CIRCUIT FOR DRIVING AN LCD APPARATUS

Publication

**EP 0391654 A3 19910410 (EN)**

Application

**EP 90303539 A 19900403**

Priority

- JP 8552489 A 19890404
- JP 8552589 A 19890404

Abstract (en)

[origin: EP0391654A2] A drive device for driving a display apparatus having a display unit which includes a plurality of signal electrodes arranged in juxtaposition is disclosed. The drive device comprises: a signal electrode drive circuit for amplitude-modulating an input digital video signal by performing digital-analog conversion, and supplying the resulting analog signal to one of the signal electrodes; a memory for storing the input digital video signal; a pulsewidth conversion circuit for converting the stored digital video signal into a pulse signal, the width of the pulse signal corresponding to the information contained in the stored digital video signal; a pulsewidth-amplitude conversion circuit for converting the pulse signal into an analog signal the amplitude of which corresponds to the pulsewidth of the pulse signal; and an output circuit for supplying a drive signal to one of the signal electrodes, in accordance with the analog signal.

IPC 1-7

**G09G 3/18**

IPC 8 full level

**G09G 3/20** (2006.01); **G09G 3/36** (2006.01)

CPC (source: EP KR)

**G09G 3/2011** (2013.01 - EP); **G09G 3/36** (2013.01 - KR); **G09G 3/3648** (2013.01 - EP); **G09G 3/3688** (2013.01 - EP); **G09G 3/3614** (2013.01 - EP); **G09G 2310/0259** (2013.01 - EP); **G09G 2310/027** (2013.01 - EP); **G09G 2310/0283** (2013.01 - EP)

Citation (search report)

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