

Title (en)

LIQUID CRYSTAL ELECTRO-OPTICAL DEVICE AND METHOD FOR DRIVING THE SAME

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Application

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Priority

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Abstract (en)

[origin: EP0420129A2] A liquid crystal electro-optical device and a method for driving the same are disclosed. The liquid crystal electro-optical device comprises a pair of substrates and nematic liquid crystals disposed between said pair of substrates in a helical structure. In the present invention the liquid crystal electro-optical device having a duty number of 200 or more is driven at a frame frequency of 200 to 280Hz, and thereby high contrast can be obtained.

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G09G 3/36

IPC 8 full level

G02F 1/133 (2006.01); **G09G 3/36** (2006.01)

CPC (source: EP)

G09G 3/3622 (2013.01)

Citation (search report)

- [A] HITACHI REVIEW. vol. 38, no. 2, April 1989, TOKYO JP pages 103 - 108; K.KINUGAWA ET AL.: 'High Resolution Super-Twisted Nematic Liquid Crystal Displays'
- [A] IEE PROCEEDINGS I. SOLID- STATE & ELECTRON DEVICES. vol. 133, no. 4, August 1986, STEVENAGE GB pages 145 - 151; J.R.HUGHES ET AL.: 'Contrast variations in high-level multiplexed twisted nematic liquid crystal displays'
- [A] TRANSACTIONS OF THE INSTITUTE OF ELECTRONICS, & COMMUNICATION ENGINEERING vol. E71, no. 11, November 1988, TOKYO JP pages 1063 - 1069; E.KANEKO: 'Directly Addressed Matrix Liquid Crystal Display Panels with High Information Content'

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