Title (en)

METHOD OF DRIVING A LIQUID CRYSTAL PANEL

Publication

EP 0438262 A3 19930317 (EN)

Application

EP 91300271 A 19910115

Priority

JP 667790 A 19900116

Abstract (en)

[origin: EP0438262A2] In a method of driving a liquid crystal panel comprising scanning electrodes on a substrate and signal electrodes on another substrate, between which substrates a liquid crystal layer is sandwiched, scanning electrode driving waveforms (a) consisting of selective and non-selective voltages are applied to the scanning electrodes of the liquid crystal panel. Lighting or non-lighting voltages (b and c) are applied to the signal electrodes. Polarities of the lighting and non-lighting voltages are inverted with respect to the non-selective voltages to thereby drive the liquid crystal panel. During a period (TC, tc) the selective voltage is not applied to any of the scanning electrodes and a compensating voltage is applied to each signal electrode in accordance with the number of variations in the polarities of the voltages applied to the respective signal electrode with respect to the non-selective voltages applied to the scanning electrodes during a constant period. <IMAGE>

IPC 1-7

G09G 3/36

IPC 8 full level

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

CPC (source: EP KR)

G09G 3/18 (2013.01 - KR); **G09G 3/3681** (2013.01 - EP); G09G 2300/023 (2013.01 - EP); G09G 2320/0209 (2013.01 - EP); G09G 2320/041 (2013.01 - EP)

Citation (search report)
- [A] DE 2727010 A1 19771229 - CITIZEN WATCH CO LTD
- [A] EP 0303510 A2 19890215 - SEIKO EPSON CORP [JP]
- [A] PATENT ABSTRACTS OF JAPAN vol. 11, no. 391 (P-649)22 December 1987 & JP-A-62 157 010 (TOSHIBA) 13 July 1987
- [A] PATENT ABSTRACTS OF JAPAN vol. 13, no. 47 (P-822)3 February 1989 & JP-A-63 240 528 (MATSUSHITA) 6 October 1988

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