

Title (en)
LIQUID CRYSTAL APPARATUS AND DRIVING METHOD THEREFOR

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EP 0344753 A3 19910814 (EN)

Application
EP 89109852 A 19890531

Priority
JP 13590788 A 19880601

Abstract (en)
[origin: EP0344753A2] A liquid crystal apparatus, includes a liquid crystal device comprising a matrix electrode structure including scanning electrodes and data electrodes intersecting each other and forming a pixel at each intersection, and a ferroelectric liquid crystal having a negative dielectric anisotropy disposed between the scanning electrodes and the data electrodes; and means for applying to a pixel on a selected scanning electrode a bipolar pulse for causing a conversion of one optical state to the other optical state of the pixel, the bipolar data pulse including a unit pulse of one polarity which has a duration set to be shorter than a minimum value τ_{\min} of a current response time τ .

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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 3/3629 (2013.01); **G09G 2310/06** (2013.01); **G09G 2320/0209** (2013.01)

Citation (search report)
[A] EP 0244804 A2 19871111 - HITACHI LTD [JP]

Cited by
US6127996A; US7297377B2; GB2312542A; GB2312542B; WO9723863A1

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