

Title (en)
Liquid crystal display device

Title (de)
Flüssigkristallanzeigevorrichtung

Title (fr)
Dispositif d'affichage à cristaux liquides

Publication
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Application
EP 10015232 A 20070813

Priority
• EP 07792475 A 20070813
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Abstract (en)
A liquid crystal display device according to the present invention includes a plurality of pixels, each including first and second subpixels. When a predetermined grayscale tone is displayed continuously through four or more consecutive even number of vertical scanning periods, the first and second subpixels have different luminances in at least two of the even number of vertical scanning periods, first polarity periods that are included in the vertical scanning periods and that maintain a first polarity are as long as second polarity periods that are also included in the vertical scanning periods and that maintain a second polarity for each of the first and second subpixels, and in each of the first and second polarity periods, the difference between the average of effective voltages applied to the liquid crystal layer of the first subpixel and that of effective voltages applied to the liquid crystal layer of the second subpixel is substantially equal to zero.

IPC 8 full level
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Citation (applicant)
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• JP 2003295160 A 20031015 - SHARP KK
• US 6958791 B2 20051025 - SHIMOSHIKIRYO FUMIKAZU [JP]
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Citation (search report)
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• [I] WO 2006049245 A1 20060511 - SHARP KK [JP], et al & EP 1818903 A1 20070815 - SHARP KK [JP]
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