

Title (en)  
Driving method for liquid crystal device

Title (de)  
Treiberverfahren für eine Flüssigkristallanzeigetafel

Title (fr)  
Méthode de commande d'un panneau d'affichage à cristaux liquides

Publication  
**EP 1079363 A2 20010228 (EN)**

Application  
**EP 00307292 A 20000824**

Priority  
• JP 23767699 A 19990825  
• JP 2000253308 A 20000824

Abstract (en)  
A driving method for a liquid crystal device of the type comprising a pair of oppositely disposed substrates each provided with an electrode, a chiral smectic liquid crystal disposed between the substrates to form a plurality of pixels and to be placed in a monostable state under no voltage application, and a plurality of active elements each of which is provided to an associated pixel and is connected with an associated electrode so as to effect a matrix drive of the liquid crystal device includes a step of driving the liquid crystal device so that the liquid crystal is tilted from the monostable state to provide a maximum tilt angle in actual drive smaller than a saturation tilt angle. The drive method is effective in suppressing burning or alignment state change of the chiral smectic liquid crystal, thus improving display characteristics. <IMAGE> <IMAGE>

IPC 1-7  
**G09G 3/36**

IPC 8 full level  
**G02F 1/133** (2006.01); **G09G 3/20** (2006.01); **G09G 3/36** (2006.01)

CPC (source: EP KR)  
**G09G 3/36** (2013.01 - KR); **G09G 3/3651** (2013.01 - EP); **G09G 2320/043** (2013.01 - EP)

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