

Title (en)
Liquid crystal apparatus

Title (de)
Flüssigkristallvorrichtung

Title (fr)
Appareil à cristaux liquides

Publication
EP 0717305 B1 20021106 (EN)

Application
EP 96102488 A 19910821

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Abstract (en)
[origin: EP0717305A2] Disclosed is a liquid crystal element comprising a liquid crystal exhibiting spontaneous polarization, a pair of electrode substrates for sandwiching said liquid crystal therebetween, characterized in that insulating layers are formed between said electrode substrates and said liquid crystal, wherein a spontaneous polarization P_s value of said liquid crystal, an interelectrode composite capacitance C_i of said insulation layers, and a voltage threshold value V_{th} of optical response of said liquid crystal in said liquid crystal element satisfy the following condition:
<MATH> <IMAGE>

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G02F 1/1333; **G02F 1/137**; **G09G 3/36**

IPC 8 full level
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CPC (source: EP)
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Cited by
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