

Title (en)

Liquid crystal element and apparatus

Title (de)

Flüssigkristallelement und Flüssigkristallvorrichtung

Title (fr)

Élément et appareil à cristaux liquides

Publication

EP 0717305 A2 19960619 (EN)

Application

EP 96102488 A 19910821

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- JP 22171090 A 19900822
- JP 19204891 A 19910731

Abstract (en)

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: $\langle \text{MATH} \rangle \langle \text{IMAGE} \rangle$

IPC 1-7

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

IPC 8 full level

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CPC (source: EP)

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