

Title (en)

LIQUID CRYSTAL DISPLAY WITH REFLECTING POLARIZER

Title (de)

FLÜSSIGKRISTALLINE ANZEIGE MIT REFLEXIONSPOLARISATOR

Title (fr)

AFFICHEUR A CRISTAUX LIQUIDES DOTE D'UN POLARISEUR REFLECHISSANT

Publication

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Application

EP 02761772 A 20020920

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Abstract (en)

[origin: WO03025092A1] A liquid crystal display is provided which comprises front and rear panels, and electrodes, polarizers and a layer of liquid crystal disposed between the front and rear panels. The polarizer on the rear panel is preferably a reflecting type in at least one region of the spectrum and contains at least one element in the form of a multilayer structure. The multilayer structure contains at least two anisotropic layers separated by at least one intermediate layer which is optically transparent in the desired spectral region. The ratio of refraction indices and thickness of the layers in the multilayer structure is chosen such to provide an extremum for the ratio of the transmitted and reflected polarized light in the spectral region.

IPC 1-7

C09K 19/60; **G02B 5/30**; **G02F 1/1335**

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

See references of WO 03025092A1

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