

**REFLECTION TYPE GUEST-HOST LIQUID CRYSTAL DISPLAY****ABSTRACT OF THE DISCLOSURE**

A reflection type guest-host liquid crystal display includes a first substrate having transparent electrodes, a second substrate having reflection electrodes, and an electro-optic body held between the first and second substrates. The electro-optic body has a guest-host liquid crystal layer containing a dichroic dye and an optical thin film layer. The liquid crystal layer is changed between an absorption state and a transmission state. The liquid crystal layer in the absorption state absorbs a first oscillating component of an incident light and passes a second oscillating component perpendicular to the first oscillating component, while said liquid crystal layer in the transmission state passes both the first and second oscillating components. The optical thin film layer converts the second oscillating component into the first oscillating component and allows the first oscillating component thus converted to re-enter said liquid crystal layer in the absorption state. All of the oscillating components are thus absorbed by the liquid crystal layer, to thereby increase brightness of a screen without provision of a polarizing plate.

FIGURE 1A & 1B

This Sheet Has Been Replaced

