

ABSTRACT

BISTABLE TWISTED NEMATIC LCD

This invention relates to a bistable twisted nematic LCD cell (1), comprising front (2) and rear (6) polarizers, substrates (3 & 5) and a liquid crystal layer (4) between the substrates. The front rubbing direction (7) and the rear rubbing direction (8) are arranged to give an initial twist angle (9) of the liquid crystal. The cell does not have the configuration with an initial twist angle of 180° and an angle between the polarizers of 90° . an initial twist angle of the liquid crystal is not a multiple of 90° and/or Also, the angle between the polarizers is not 90° .

[Fig. 31]