

ABSTRACT

REFLECTING CELL WITH MODULABLE REFLECTIVITY

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The invention relates to a reflecting cell (1) comprising at least two substrates (2a,2b) each covered by an electrode (3a,3b) and facing each other, the substrates delimitating between them a volume (4) which separates them
10 and which is filled with a bistable liquid crystal-type material (8) with a threshold field, for example a cholesteric liquid crystal, both electrodes being intended to be connected to a voltage source (5). This cell is characterized in that at least one of the electrodes (3b)
15 is formed by associating a pattern (6), which does not entirely cover the surface of the substrate (2b) considered, and a conducting layer (7) which covers the surface of the substrate considered, the conductivity of the material of the layer being lower than that of the
20 material of the pattern.

Figure to be published with the abstract: Figure 2.