

ABSTRACT

LIQUID CRYSTAL DISPLAY DEVICE DISPLAYING COLOURED
SEGMENTS AND TIMEPIECE FITTED WITH THE SAME

The invention proposes a liquid crystal (38) display device (12) including a liquid crystal (38) cell (30), a control unit (26), and a backlighting module (48) including at least a first (50) and a second (52) light source of different colours which transmit light rays (Rr, Rb) inside a light guide (54), characterized in that the light guide (54)

5 includes a plurality of prisms (64, 66) which deflect the light rays (Rr, Rb) towards the display face (28), a first series (S1) of prisms (64, 66) being orientated towards the first light source (50) and a second series (S2) of prisms (52) being orientated towards the second light source (52), and in that the prisms (64, 66) are distributed in zones of the light guide (54) which are located underneath the electrodes (40).

10 The invention also proposes a timepiece (10) fitted with this device (12).

Figure 1