

Abstract

DISPLAY DEVICE IN MATRIX FORM

The invention relates to a display device with
5 matrix points arranged in n columns and m lines,
respectively consisting of four partial image dots
of four different colours, subdivided into two
half-columns and two half-lines, in which each
partial image dot has an optical fibre illuminated
10 in a corresponding colour, and the light-emitting
end of which can be covered or exposed by a
magnetically bistable flap which is electrically
actuated in a pulse-like manner, and in which, by
means of a control arrangement, the electromagnets
15 of the flaps may be actuated in accordance with a
piece of display information selected from a
memory, to expose the ends of the optical fibres
with setting and setting counter potential, and to
cover the ends of the optical fibres with
20 resetting and resetting counter potential. By
means of a new actuation of the matrix, any pieces
of display information may be displayed extremely
rapidly and by means of a simple structure of
matrix and of control arrangement.

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