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Abstract (en)

[origin: WO0221486A2] The invention relates to a screen comprising a visible surface (1)which is divided up into pixels (2). The pixels (2) thereof respectively emit light and are connected to a light distributor by means of optical waveguides (3). The light distributor has rotating light sources (10) disposed on a rotor (20) and arranged at a distance from an axis of rotation (22). The light emitted from said light sources is radiated to the receptors (7) of a coupling device (5) located at the ends of the wave guides (3) and reaches the visible surface (1) of the screen via the individual waveguides (3), thereby producing a visible picture for an observer, composed of individual pixels (2). The disadvantage of conventional screens is that the design thereof is necessarily large while displaying weaknesses in terms of contrast and light. The aim of the invention is to cause the rotating light sources arranged in the light distributor to emit light parallel to the axis of rotation (22) and radiate it to the receptors (7) of the coupling device (5), one particular advantage thereof being a flat design.

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