

Title (en)
OPTICAL DISPLAY ELEMENT AND DISPLAY DEVICE

Title (de)
OPTISCHES ANZEIGEELEMENT SOWIE ANZEIGEVORRICHTUNG

Title (fr)
ÉLÉMENT OPTIQUE D'AFFICHAGE ET DISPOSITIF D'AFFICHAGE

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Application
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Abstract (en)
[origin: WO2011117217A1] The invention relates to a display element and to a display device in which the display element is mounted. Said display can in particular be a variable message sign. Said sign comprises a tube-like housing (12) in which lenses (22, 25) and apertures (24) can be disposed. The light exiting a light source (19) is emitted via an emitting surface (26), by means of which an illuminated traffic sign results from interacting with further display elements. According to the invention, the light source (19) and the optical elements (22, 24, 25) are disposed at different heights in the horizontally oriented housing (12). The optical axes can thereby extend horizontally, or the optical elements (22, 24, 25) can lie on a main axis which is tilted downward in an radiation direction (not shown). In both cases, sunlight impinging from above at an angle advantageously falls on the LED (19) to a slight degree, by means of which the phenomenon of phantom light can be minimized.

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