

Title (en)

LIGHT GUIDE PLATE COMPRISING DECOUPLING ELEMENTS

Title (de)

LICHTFÜHRUNGSPLATTE MIT AUSKOPPELELEMENTEN

Title (fr)

PLAQUE DE GUIDAGE DE LUMIÈRE COMPORTANT DES ÉLÉMENTS D'ÉMISSION

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2014026923A1] The invention relates to a planar light distribution module for a display, comprising a light guide plate, through which light that can be coupled via at least one lateral surface can propagate by means of total reflection, and comprising at least one planar decoupling system (2) which is mounted on one or both main surfaces of the light guide plate (1), is in optical contact with said plate and contains a plurality of holographic optical elements (13) which are designed in such a way that they can decouple light from the light guide plate (1). The light distribution module is characterised in that the holographic optical elements (13) are arranged in the decoupling system (2) without translation symmetry. The invention also relates to an optical display, in particular an electronic display which contains a light distribution module according to the invention.

IPC 8 full level

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