

Title (en)
LIGHT MODULE WITH CONTROLLABLE LIGHT GUIDANCE

Title (de)
LEUCHTMODUL MIT STEUERBARER LICHTLENKUNG

Title (fr)
MODULE LUMINEUX DOTÉ D'UN ÉLÉMENT DE GUIDAGE DE LUMIÈRE CONTRÔLABLE

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Application
EP 12737252 A 20120711

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Abstract (en)
[origin: WO2013007744A1] The invention relates to a light module having a plate-shaped active element (12), and a plate-shaped carrier element (10) comprising a surface (101) on which the active element (12) is arranged. The light module also comprises a transparent light-emitting element (10') that is preferably formed by the carrier element (10). At least part of a surface (102) of the light-emitting element (10') is also furnished with an active or variable optical structure (200). Said structure can comprise, for example, two electrodes and a material therebetween, the shape of the structure (200) changing based on a voltage applied to the electrodes. The optical structure (200) enables the directional distribution of the light generated by the active element (12) to be influenced in a targeted manner. In other words, the emission characteristic can be controlled in a targeted manner. The light module is thus particularly suitable for realizing oriented lighting, e.g. for illuminating objects.

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Citation (search report)
See references of WO 2013007744A1

Citation (examination)
WO 2011001518 A1 20110106 - PANASONIC ELEC WORKS CO LTD [JP], et al & US 2012092857 A1 20120419 - SUMIYAMA SHIGETSUGU [JP]

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