

Title (en)

AUXILIARY LENS FOR A LIGHT SOURCE FOR PRODUCING A BRANCHED ILLUMINATING SURFACE

Title (de)

VORSATZOPTIK FÜR EINE LICHTQUELLE ZUM ERZEUGEN EINER VERZWEIGTEN LEUCHTFLÄCHE

Title (fr)

OPTIQUE AUXILIAIRE POUR UNE SOURCE LUMINEUSE DESTINÉE À PRODUIRE UNE SURFACE D'ÉCLAIRAGE BIFURQUÉ

Publication

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Application

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Priority

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Abstract (en)

[origin: CN107906467A] The invention relates to an auxiliary lens for a light source for producing a branched luminous surface, which auxiliary lens at least comprises a plurality of light-guide optical elements, wherein, each light-guide optical element has a light entry region, a light exit region and a lateral surface, wherein, the lateral surface connects the light entry region and the light exit region, the light exit region faces the light entry region and is associated with a light exit surface, which light exit surface is limited by a circumferential boundary line, wherein, the boundary line is adjacent to the light exit region, and the optical elements are lined up in such a way that the light exit surfaces of all optical elements are located in a common substantially planar surface, wherein each optical element has a number of nearest neighbors, wherein, its boundary line has a number of sections each associated with a portion of the boundary line of a nearest neighbor, wherein, mutually associated sections abut one another and have corresponding curves.

IPC 8 full level

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