

Title (en)

OPTICAL ASSEMBLY FOR A PROJECTOR AND PROJECTOR COMPRISING SUCH AN OPTICAL ASSEMBLY

Title (de)

OPTISCHE ANORDNUNG FÜR EINEN PROJEKTOR UND PROJEKTOR MIT SOLCH EINER OPTISCHEN ANORDNUNG

Title (fr)

ASSEMBLAGE OPTIQUE POUR UN PROJECTEUR ET PROJECTEUR COMPRENANT UN TEL ASSEMBLAGE OPTIQUE

Publication

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Application

EP 21743554 A 20210625

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Abstract (en)

[origin: WO2022003283A1] The present invention relates to an optical assembly for a projector, comprising: - an optical element with a set of lenses, the lenses being suitable for cooperating with a first plurality of light sources, such as LEDs, of said projector, wherein the lenses are suitable for generating primary light beams and are spaced apart from one another by means of inter-lens spaces; - a grating for filling at least part of said inter-lens spaces of the set of lenses, suitable for cooperating with a second plurality of light sources, such as LEDs, of the projector, wherein the grating is suitable for generating a secondary light effect; and - a support element suitable for supporting the set of lenses, at the inter-lens spaces, wherein the grating and the support element are suitable for overlaying by enclosing the optical element between the inner face of the grating and the upper face of the support element and thereby fixing the set of lenses so as to form the optical assembly.

IPC 8 full level

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