

Title (en)

OPTICAL POLARISATION DEVICE FOR A STEREOSCOPIC IMAGE PROJECTOR

Title (de)

OPTISCHE POLARISATIONSVORRICHTUNG FÜR EINEN STEREOSKOPISCHEN BILDPROJEKTOR

Title (fr)

DISPOSITIF DE POLARISATION OPTIQUE POUR UN PROJECTEUR D'IMAGES STEREOSCOPIQUES

Publication

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Application

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Abstract (en)

[origin: WO2014191439A1] The invention concerns an optical polarisation device (3) for a stereoscopic image projector, comprising: - a polarising optical element (304) comprising two beam separating/polarising blades (322, 324) joined to each other; - first (312) and second (314) optical reflectors configured to modify, respectively, the trajectory of first and second reflected light beams such that said reflected and transmitted light beams are projected to form a same stereoscopic image; - first (316), second (318) and third (320) polarisation modulators capable of selectively switching the optical polarisation, respectively, of a transmitted light beam, and of the first and second reflected light beams, between the first and second optical polarisation states; - a control circuit (31) for controlling the polarisation modulators.

IPC 8 full level

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