

Title (en)

PROJECTION DEVICE AND FILTER THEREFOR

Title (de)

PROJEKTIONSVORRICHTUNG UND FILTER HIERFÜR

Title (fr)

DISPOSITIF DE PROJECTION ET FILTRE DESTINE A CELUI-CI

Publication

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Application

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Abstract (en)

[origin: WO2006013041A1] The invention relates to a projection device for projecting stereo images. According to the invention, at least two partial images of the stereo image are produced with different colours by a projector, the first partial image being linearly polarised in a first direction and the second partial image being linearly polarised in a second direction perpendicular to the first direction. A colour-selective polarisation rotator is arranged in the direction of projection after the production of the image, said rotator rotating the polarisation of one of the two partial images such that the polarisation of the first and the second partial images is the same. The polarisation rotator is followed by an achromatic polarisation rotator that rotates the polarisation of the two partial images in such a way that the two partial images are linearly polarised at a pre-determined angle in relation to the vertical axis or circularly polarised in the same direction.

IPC 8 full level

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