

Title (en)

PROJECTION DEVICE FOR PROJECTING AN IMAGE ONTO A PROJECTION SURFACE, AND A PROJECTION UNIT FOR COUPLING TO A PROJECTOR

Title (de)

PROJEKTIONSANORDNUNG ZUM PROJIZIEREN EINES BILDES AUF EINE PROJEKTIONSFLÄCHE UND PROJEKTIONSEINHEIT ZUM ANKOPPELN AN EINEN PROJEKTOR

Title (fr)

DISPOSITIF DE PROJECTION DESTINE A PROJETER UNE IMAGE SUR UNE SURFACE DE PROJECTION ET UNITE DE PROJECTION DESTINEE A ETRE COUPLEE A UN PROJECTEUR

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Application

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Priority

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Abstract (en)

[origin: WO0217018A2] The invention relates to a projection device for projecting an image onto a projection surface. Said device comprises a light source (26); a film gate (2) for holding a positive image recorded on a carrier medium, said gate being arranged downstream from the light source; and a projection lens (3) for projecting an illuminated positive image. The inventive device also comprises a control unit (25); a light modulator (10) which can be controlled by said unit and which is used to produce an additional image based on predetermined image data; an optical device (11) for projecting the additional image onto the projection surface (34), said optical device being arranged downstream from the light modulator; and a beam splitter (6) which is arranged between the light source (26) and the film gate (2). Said beam splitter splits the light from the light source (26) into a first partial beam directed onto the film gate (2) in order to illuminate the positive image, and a second partial beam by means of which the light modulator (10) can be operated. A projection device is thus implemented which can project additional images, e.g. sub-titles, as well as the illuminated positive image.

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