

Title (en)

OPTICAL SYSTEM WITH A CAMERAS DEVICE FOR VIEWING SEVERAL OBJECTS ARRANGED REMOTELY FROM EACH OTHER

Title (de)

OPTISCHES SYSTEM MIT EINER KAMERAEEINRICHTUNG ZUR BETRACHTUNG MEHERERER ENTFERNT VONEINANDER ANGEORDNETER GEGENSTÄNDE

Title (fr)

SYSTEME OPTIQUE POURVU D'UN DISPOSITIF DE CAMERA PERMETTANT LA VISUALISATION DE PLUSIEURS OBJETS ELOIGNES LES UNS DES AUTRES

Publication

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Application

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Priority

- DE 2004002826 W 20041222
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Abstract (en)

[origin: WO2005062103A1] The invention relates to an optical system (40), for viewing several objects (61, 63), arranged remotely from each other, by means of a camera device (42), comprising a first prism device (43), on the optical axis (41) and in the beam path (47) of the camera device, for the generation of two part beam paths (48, 49) and two object prism devices (51, 52), each arranged in a part beam path and each provided for one object. Both the outlet prism (51) and also the outlet prism (52) are provided with an illumination device embodied as a light diode (57 or 58), each of which emits a illumination beam (59, 60). Said arrangement clearly permits, by means of a inspection device (40) inserted in a contact gap (65) between two substrates (62, 63), checking of the correct alignment of two contact surfaces (61, 63) for mutual contacting, or aligning the contact surfaces (61, 63) with relation to a contact axis (66) which corresponds to the axis of the partial beam paths (49, 48).

IPC 8 full level

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Citation (search report)

See references of WO 2005062103A1

Citation (examination)

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