

Title (en)

METHOD FOR CALIBRATING A PROJECTION DEVICE FOR A HEAD-MOUNTED DISPLAY, AND PROJECTION DEVICE FOR A HEAD-MOUNTED DISPLAY FOR CARRYING OUT THE METHOD

Title (de)

VERFAHREN ZUR KALIBRIERUNG EINER PROJEKTIONSVORRICHTUNG FÜR EINE DATENBRILLE SOWIE PROJEKTIONSVORRICHTUNG FÜR EINE DATENBRILLE ZUR DURCHFÜHRUNG EINES VERFAHRENS.

Title (fr)

PROCÉDÉ POUR LE CALIBRAGE D'UN DISPOSITIF DE PROJECTION POUR DES LUNETTES DE DONNÉES AINSI QUE DISPOSITIF DE PROJECTION POUR DES LUNETTES DE DONNÉES POUR L'EXÉCUTION D'UN PROCÉDÉ

Publication

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Application

EP 18734175 A 20180621

Priority

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Abstract (en)

[origin: WO2019011615A1] The invention relates to a method for calibrating a projection device (100) for a head-mounted display. The method has the following steps: scanning a light beam (106) emitted by a light source (104) over a scanning angle range by means of a reflection element (112) such that the light beam (106) deflected by the reflection element (112) passes over a head-mounted display (400) surface region of a deflection element arranged on a lens (402) of the head-mounted display (400), said surface region having at least two adjustment markings (132) arranged on the head-mounted display (400), wherein each adjustment marking (132) is arranged at a specified position relative to the surface of the deflection element arranged on a lens (402) of the head-mounted display (400), and determining (520) in which scan setting of the reflection element (112) the at least two adjustment markings (132) are struck by the light beam (106). The invention further relates to a projection device (100) for a head-mounted display, to a head-mounted display, and to a deflection element.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

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