

Title (en)

METHOD AND DEVICE FOR AUTOMATICALLY DETERMINING PRODUCTION PARAMETERS FOR A PAIR OF SPECTACLES

Title (de)

VERFAHREN UND VORRICHTUNG ZUM AUTOMATISCHEN BESTIMMEN VON HERSTELLUNGSPARAMETERN FÜR EINE BRILLE

Title (fr)

PROCÉDÉ ET DISPOSITIF DE DÉTERMINATION AUTOMATIQUE DE PARAMÈTRES DE FABRICATION POUR UNE PAIRE DE LUNETTES

Publication

**EP 4189470 A1 20230607 (DE)**

Application

**EP 21739241 A 20210601**

Priority

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- DE 2021100472 W 20210601

Abstract (en)

[origin: WO2022022765A1] The invention relates to a method and device for automatically determining production parameters for a pair of spectacles, which method comprises the following in one or more processors designed for data processing: capturing head image data for at least a part of the head of a spectacles wearer and determining a head parameterisation for at least a part of the head of the spectacles wearer, the head parameterisation indicating head parameters for at least the part of the head of the spectacles wearer, which parameters are relevant for the adjustment of a pair of spectacles, and the head parameters comprising at least one lens grinding parameter and at least one spectacles support parameter. The method also comprises the following: providing a spectacles parameterisation for the spectacles, the spectacles parameterisation indicating relevant spectacles parameters for adjusting the spectacles for the spectacles wearer; and performing data mapping for the head parameterisation and the spectacles parameterisation, in which for the adjustment of the spectacles for the spectacles wearer at least one spectacles parameter is adjusted according to an associated head parameter and/or at least one further spectacles parameter is determined.

IPC 8 full level

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Citation (search report)

See references of WO 2022022765A1

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