Title (en)

METHOD FOR CALIBRATING A POLARIZATION AXIS MEASURING DEVICE AND METHOD FOR DETERMINING POLARIZATION AXES OF SPECTACLE LENSES FOR A POLARIZATION AXIS MEASURING DEVICE

Title (de)

VERFAHREN ZUR KALIBRIERUNG EINER POLARISATIONSACHSENMESSVORRICHTUNG SOWIE VERFAHREN ZUR BESTIMMUNG VON POLARISATIONSACHSEN VON BRILLENGLÄSERN FÜR EINE POLARISATIONSACHSENMESSVORRICHTUNG

Title (fr)

PROCÉDÉ D'ÉTALONNAGE D'UN DISPOSITIF DE MESURE D'AXE DE POLARISATION ET PROCÉDÉ DE DÉTERMINATION D'AXES DE POLARISATION DE VERRES DE LUNETTES POUR UN DISPOSITIF DE MESURE DE D'AXES DE POLARISATION

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2016169862A1] The invention relates to a method for calibrating a polarization axis measuring device (100), wherein both flat sides (26, 28) of a calibration element (10) in a polarization axis measuring device (100) are irradiated with polarized light, wherein the method involves aligning in each case at least one polarization direction of the light in a first and/or second rotational position with a principal axis (134) in a predefined angular relationship with respect to a polarization axis (40) of the calibration element (10). Determining the rotational position of an axis (30) of the calibration element (10) is carried out by determining an angle bisector between the first and second rotational positions of the polarization direction of the incident light. The method involves assigning a predefined angle value for the rotational position of the principal axis (134) of the polarization direction for which the latter is in the predefined angular relationship with respect to the axis (30) of the calibration element (10) inserted as intended. Furthermore, the invention relates to a method for determining polarization axes of spectacle lenses, to a calibration element (10), and to a polarization axis measuring device (100) comprising a calibration element (10).

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

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