

Title (en)

DEVICE AND METHOD FOR ADJUSTING A POSITION OF AN EYEGLASS LENS RELATIVE TO THE POSITION OF A PUPIL

Title (de)

VORRICHTUNG UND VERFAHREN ZUM ANPASSEN EINER POSITION EINES BRILLENGLASES RELATIV ZUR POSITION EINER PUPILLE

Title (fr)

DISPOSITIF ET PROCEDE POUR ADAPTER LA POSITION D'UN VERRE DE LUNETTES A LA POSITION DE LA PUPILLE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2004068216A1] Disclosed are a device and a method for adjusting a position of at least one eyeglass (16) lens relative to the position of a pupil of a person's (12) eye (14), which is associated with said lens. The inventive device comprises an illuminating apparatus (24) for an eye part (61) of the person (12) wearing an eyeglass frame (18) that is not yet fitted with lenses. Also provided is a camera (22) for generating an image of the eye part (61). The position of the pupil within the image is marked. The illuminating apparatus (24) encompasses at least one light source (26, 50) that operates within a wavelength range, the light (42, 52) of which is reflected by the retina (46) of the eye (14) at a high degree of reflection. The sensitivity of the camera (22) is optimized to the wavelength of the light (42) emitted by the light source (26).

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CPC (source: EP US)

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