

Title (en)
ASCERTAINMENT OF THE OPTICAL IMAGING PROPERTIES OF AN EYE

Title (de)
ERMITTLUNG DER OPTISCHEN ABBILDUNGSEIGENSCHAFTEN EINES AUGES

Title (fr)
DÉTERMINATION DES PROPRIÉTÉS DE REPRÉSENTATION OPTIQUE D'UN IL

Publication
EP 2747627 A1 20140702 (DE)

Application
EP 12758755 A 20120817

Priority
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• EP 2012003521 W 20120817

Abstract (en)
[origin: WO2013029755A1] Described is the ascertainment of the optical imaging properties of an eye of a person, wherein various test images are displayed individually in succession on a monitor unit, which test images are seen by a person under a settable viewing angle and at a settable distance and are identified using an input means, having the following method steps: ° a) ascertaining a characteristic viewing angle value at a specified distance, at which value a first probability for correctly identifying the test images is achieved, ° b) ascertaining a characteristic distance value while maintaining the ascertained characteristic viewing angle value, at which value a second probability for correct identification is achieved which is greater than the first probability, ° c) repeating steps a) and b), wherein in each case in step a) the characteristic distance value ascertained in step b) is used as the specified distance, until the distance at which the person views the test image corresponds to a final distance Eend, and ° d) displaying the ascertained viewing angle values and distance values.

IPC 8 full level
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Citation (search report)
See references of WO 2013029755A1

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