

Title (en)

METHOD FOR DETERMINING THE POSITION OF A DRILL HOLE TO BE FORMED IN AN OPHTHALMIC LENS

Title (de)

VERFAHREN ZUR BESTIMMUNG DER POSITION EINES IN EINEM BRILLEGLAS ZU ERZEUGENDEN BOHRLOCHS

Title (fr)

PROCÉDÉ DE DÉTERMINATION DE LA POSITION D'UN TROU DE PERÇAGE À RÉALISER SUR UNE LENTILLE OPHTALMIQUE

Publication

EP 2091690 B1 20100421 (FR)

Application

EP 07872398 A 20071219

Priority

- FR 2007002111 W 20071219
- FR 0611124 A 20061220
- FR 0701554 A 20070302

Abstract (en)

[origin: FR2910646A1] The method involves acquiring a curve characteristic (ALPHA100) of a reference lens (100), and determining reference projection distance (R1) between a projection (MO1) of a reference anchoring point (O1) of the lens and a projection (MC1) of a reference drilling point (C1) of a target drilling hole (110). Tri-dimensional distance between the lens anchoring point and the hole drilling point is calculated according to the lens curve characteristic and the determined distance. A position of the hole on a target correction lens is determined based on the tri-dimensional distance.

IPC 8 full level

B24B 9/14 (2006.01); **B24B 13/005** (2006.01); **G06V 30/224** (2022.01)

CPC (source: EP US)

B24B 9/146 (2013.01 - EP US); **B24B 13/0055** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

FR 2910646 A1 20080627; **FR 2910646 B1 20090227**; AT E464975 T1 20100515; DE 602007006049 D1 20100602; EP 2091690 A1 20090826; EP 2091690 B1 20100421; EP 2091690 B9 20100908; US 2010074556 A1 20100325; US 8300983 B2 20121030; WO 2008093016 A1 20080807

DOCDB simple family (application)

FR 0701554 A 20070302; AT 07872398 T 20071219; DE 602007006049 T 20071219; EP 07872398 A 20071219; FR 2007002111 W 20071219; US 51965007 A 20071219