

Title (en)

OPHTHALMIC LENS AND DISPLAY COMPRISING SUCH A LENS AND OPTICAL IMAGER

Title (de)

BRILLENLINSE UND ANZEIGE MIT EINER SOLCHEN LINSE UND OPTISCHE ABBILDUNGSVORRICHTUNG

Title (fr)

LENTILLE OPHTALMIQUE ET AFFICHEUR COMPORTANT UNE TELLE LENTILLE ET UN IMAGEUR OPTIQUE

Publication

EP 1716445 A1 20061102 (FR)

Application

EP 05717716 A 20050217

Priority

- FR 2005050100 W 20050217
- FR 0450294 A 20040218

Abstract (en)

[origin: FR2866442A1] The lens has a mark with a reference for a location of an ophthalmic imager (5) with respect to the lens as a function of correction lens parameters. The mark includes the location of distant vision point (VLSF) and data permitting to construct a theoretical virtual ocular center (COTV) corresponding to the center of the eye of a user. A slot is placed so that the optical axis of the imager is perpendicular to that of the lens. An independent claim is also included for an ophthalmic display including an ophthalmic lens.

IPC 8 full level

G02B 27/01 (2006.01); **G02C 7/02** (2006.01); **G02C 9/00** (2006.01); **G02C 11/00** (2006.01)

CPC (source: EP US)

G02B 27/0172 (2013.01 - EP US); **G02B 27/0176** (2013.01 - EP US); **G02C 9/00** (2013.01 - EP US); **G02C 11/00** (2013.01 - EP US); **G02B 2027/0178** (2013.01 - EP US)

Citation (search report)

See references of WO 2005081036A1

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 MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

FR 2866442 A1 20050819; **FR 2866442 B1 20060804**; EP 1716445 A1 20061102; JP 2007524871 A 20070830; US 2009296043 A1 20091203; US 8057033 B2 20111115; WO 2005081036 A1 20050901

DOCDB simple family (application)

FR 0450294 A 20040218; EP 05717716 A 20050217; FR 2005050100 W 20050217; JP 2006553631 A 20050217; US 58931305 A 20050217