

Title (en)

OPHTHALMOLOGICAL MEASURING SYSTEM AND METHOD FOR DETERMINING THE BIOMETRIC DATA OF AN EYE

Title (de)

OPHTHALMOLOGISCHES MESSSYSTEM UND VERFAHREN ZUR ERMITTLUNG DER BIOMETRISCHEN DATEN EINES AUGES

Title (fr)

SYSTÈME DE MESURE OPHTHALMOLOGIQUE ET PROCÉDÉ DE DÉTERMINATION DES DONNÉES BIOMÉTRIQUES D'UN OEIL

Publication

EP 1962693 A1 20080903 (DE)

Application

EP 06818939 A 20061201

Priority

- EP 2006011537 W 20061201
- DE 102005062238 A 20051222

Abstract (en)

[origin: DE102005062238A1] The ophthalmological measurement system has a combination of a measurement device based on ultrasound (1), an optical measurement device (2) and an evaluation unit (3). The evaluation unit uses the measurement values of the optical measurement device and /or the ultrasonic measurement device to determine the biometric data of an eye. An independent claim is also included for a method of determining the biometric data of an eye.

IPC 8 full level

A61B 8/10 (2006.01); **A61B 3/00** (2006.01); **A61B 3/10** (2006.01); **A61B 3/103** (2006.01); **A61B 3/107** (2006.01); **A61B 3/13** (2006.01); **A61B 3/18** (2006.01); **A61F 9/008** (2006.01); **G01S 15/02** (2006.01); **G01S 15/89** (2006.01)

CPC (source: EP US)

A61B 3/102 (2013.01 - EP US)

Citation (search report)

See references of WO 2007079835A1

Citation (examination)

- WO 03022137 A2 20030320 - BAUSCH & LOMB [US]
- DE 10344781 A1 20050414 - ZEISS CARL MEDITEC AG [DE]
- US 5968095 A 19991019 - NORRBY SVERKER [NL]

Citation (third parties)

Third party :

- WO 03022137 A2 20030320 - BAUSCH & LOMB [US]
- WO 0172213 A1 20011004 - BAUSCH & LOMB SURGICAL INC [US]
- US 5512965 A 19960430 - SNOOK RICHARD K [US]
- US 5975699 A 19991102 - HELLMUTH THOMAS [DE]
- US 2008278684 A1 20081113 - BERGNER ROLAND [DE], et al

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 NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

DE 102005062238 A1 20070705; AU 2006334829 A1 20070719; AU 2006334829 B2 20130627; CA 2631101 A1 20070719; CN 101346104 A 20090114; CN 101346104 B 20101208; EP 1962693 A1 20080903; JP 2009520531 A 20090528; JP 5242410 B2 20130724; US 2008278684 A1 20081113; US 2010328607 A1 20101230; US 7794082 B2 20100914; US 7992998 B2 20110809; WO 2007079835 A1 20070719

DOCDB simple family (application)

DE 102005062238 A 20051222; AU 2006334829 A 20061201; CA 2631101 A 20061201; CN 200680048599 A 20061201; EP 06818939 A 20061201; EP 2006011537 W 20061201; JP 2008546174 A 20061201; US 87835210 A 20100909; US 9634306 A 20061201