

Title (en)  
OPHTHALMIC LENS FORMING OPTIC

Title (de)  
FORMGEBUNGSOPTIK FÜR BRILLEGLAS

Title (fr)  
OPTIQUE DE FORMATION DE LENTILLE OPHTALMIQUE

Publication  
**EP 2750868 A1 20140709 (EN)**

Application  
**EP 12772155 A 20120831**

Priority

- US 201161529605 P 20110831
- US 201161529617 P 20110831
- US 201161529623 P 20110831
- US 201213599841 A 20120830
- US 201213599893 A 20120830
- US 2012053301 W 20120831

Abstract (en)  
[origin: WO2013033509A1] A forming optic used for the manufacture of at least one free formed ophthalmic lens comprising: a first planar surface transmissive to actinic radiation entering the forming optic and a second arcuate surface (101A) including an optical quality forming surface which can be positioned in a cavity of a reservoir containing lens forming material; alignment features used to align one or more points of the optical quality forming surface to one or more sources of the actinic radiation.

IPC 8 full level  
**B29C 33/30** (2006.01); **B29D 11/00** (2006.01)

CPC (source: EP RU US)  
**B29D 11/00** (2013.01 - RU); **B29D 11/005** (2013.01 - EP US); **B29C 45/14467** (2013.01 - EP); **B29K 2063/00** (2013.01 - EP); **B29K 2105/24** (2013.01 - EP)

Citation (search report)  
See references of WO 2013033509A1

Citation (examination)

- JP 2000326347 A 20001128 - MENICON CO LTD
- US 5100590 A 19920331 - RUHLIN RAYMOND [FR]

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**WO 2013033509 A1 20130307**; AU 2012301743 A1 20140313; AU 2012301745 A1 20140313; AU 2012301745 B2 20170831; BR 112014004781 A2 20170613; CA 2846078 A1 20130307; CA 2846078 C 20190528; CA 2846383 A1 20130307; CA 2846383 C 20190917; CN 103781621 A 20140507; CN 103781621 B 20170613; CN 103857519 A 20140611; CN 103857519 B 20160608; EP 2750867 A1 20140709; EP 2750867 B1 20160203; EP 2750868 A1 20140709; ES 2569188 T3 20160509; HK 1199633 A1 20150710; HK 1199634 A1 20150710; JP 2014525362 A 20140929; JP 2014531339 A 20141127; JP 2017222179 A 20171221; JP 6203725 B2 20170927; JP 6441424 B2 20181219; KR 101981030 B1 20190523; KR 20140068119 A 20140605; KR 20140068120 A 20140605; RU 2014112135 A 20151010; RU 2608600 C2 20170123; SG 2014011852 A 20140828; TW 201325883 A 20130701; TW 201328856 A 20130716; TW I565582 B 20170111; WO 2013033511 A1 20130307

DOCDB simple family (application)  
**US 2012053301 W 20120831**; AU 2012301743 A 20120831; AU 2012301745 A 20120831; BR 112014004781 A 20120831; CA 2846078 A 20120831; CA 2846383 A 20120831; CN 201280042297 A 20120831; CN 201280042478 A 20120831; EP 12770327 A 20120831; EP 12772155 A 20120831; ES 12770327 T 20120831; HK 15100006 A 20150102; HK 15100038 A 20150105; JP 2014528624 A 20120831; JP 2014528626 A 20120831; JP 2017161100 A 20170824; KR 20147008426 A 20120831; KR 20147008435 A 20120831; RU 2014112135 A 20120831; SG 2014011852 A 20120831; TW 101131895 A 20120831; TW 101131897 A 20120831; US 2012053304 W 20120831