

Title (en)

AN IMPROVED METHOD OF PREPARING A LENS BLANK FOR AN OPERATION OF SURFACING THEREOF

Title (de)

VERBESSERTES VERFAHREN ZUR VORBEREITUNG EINES LINSENROHLINGS FÜR DESSEN OBERFLÄCHENBEARBEITUNG

Title (fr)

PROCÉDÉ AMÉLIORÉ DE PRÉPARATION D'UNE ÉBAUCHE DE LENTILLE POUR UNE OPÉRATION DE SURFAÇAGE DE CELLE-CI

Publication

EP 3470171 B1 20210120 (EN)

Application

EP 17306387 A 20171013

Priority

EP 17306387 A 20171013

Abstract (en)

[origin: EP3470171A1] A method of preparing a lens blank for a further operation of surfacing to transform the lens blank into a surfaced lens for further transformation into a lens having a lens shape, the operation of surfacing including processing the lens blank so that the surfaced lens exhibits a crib diameter, the method being implemented using a processing module and comprising: - based on input data (ID) which define the lens shape, defining a temporary crib diameter (D temp) so that said temporary crib diameter satisfies a set of constraints which includes at least: - a first constraint whereby the temporary crib diameter (D temp) is large enough for the surfaced lens having said temporary crib diameter to be suitable to be processed into said lens, - a second constraint whereby the temporary crib diameter is large enough for the surfaced lens having said temporary crib diameter to include a plurality of reference points defined on the lens blank and which together identify an optical center of the lens, - choosing the crib diameter as a function of the temporary crib diameter (D temp), said choosing the crib diameter being configured so that, when a step cribbing configuration is destined to be applied to the operation of surfacing, said crib diameter is chosen among at least one predetermined discrete value (Val 1).

IPC 8 full level

B24B 13/005 (2006.01)

CPC (source: EP US)

B24B 13/0055 (2013.01 - EP US)

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)

EP 3470171 A1 20190417; EP 3470171 B1 20210120; CN 111201111 A 20200526; CN 111201111 B 20230106; MX 2020003837 A 20200806; PH 12020550199 A1 20210301; US 2020276684 A1 20200903; WO 2019072742 A1 20190418

DOCDB simple family (application)

EP 17306387 A 20171013; CN 201880065844 A 20181008; EP 2018077270 W 20181008; MX 2020003837 A 20181008; PH 12020550199 A 20200401; US 201816754222 A 20181008