

Title (en)

METHOD FOR PRODUCTION OF A LENS AND LENS PRODUCED THUS

Title (de)

VERFAHREN ZUR HERSTELLUNG EINER LINSE UND DANACH HERGESTELLTE LINSE

Title (fr)

PROCEDE DE FABRICATION D'UNE LENTILLE ET LENTILLE FABRIQUEE SELON CE PROCEDE

Publication

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Application

EP 03807835 A 20031002

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- EP 0310955 W 20031002

Abstract (en)

[origin: WO2004034129A1] The invention relates to a method for production of a lens (2), in particular for spectacles, whereby central imaging errors of an eye (1) for correction of a person with defective vision, such as sphere, cylinder and axis are compensated for. At least one refractive surface (9,10) of the lens (2) is embodied such that for at least one viewing direction, both a dioptric correction of the defective vision occurs as well as a correction of imaging errors of a higher order. The effects on acuity and/or visual contrast depend on the size of the pupil opening (5) of the eye (1) for correction and are corrected by the lens (2).

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CPC (source: EP US)

G02C 7/02 (2013.01 - EP US); **G02C 7/04** (2013.01 - EP US); **G02C 2202/22** (2013.01 - EP US)

Citation (search report)

See references of WO 2004034129A1

Citation (examination)

WO 0230273 A1 20020418 - UNIV ROCHESTER [US]

Cited by

US9759930B2; US10520754B2; US11320672B2; US10534198B2; US11333903B2; US10203522B2; US10209535B2; US10466507B2; US10838235B2; US10948743B2; US11644688B2; US11809024B2

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