

Title (en)

MOLDS AND METHOD OF USING THE SAME FOR OPTICAL LENSES

Title (de)

FORMEN UND VERFAHREN ZU DEREN VERWENDUNG FÜR OPTISCHE LINSEN

Title (fr)

MOULES ET PROCEDE D'UTILISATION DE CEUX-CI POUR DES LENTILLES OPTIQUES

Publication

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Application

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Priority

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- US 99222504 A 20041118
- US 18822305 A 20050722

Abstract (en)

[origin: WO2006055815A2] The present invention encompasses, in part, a method and apparatus for lens casting in which two molds, preferably formed of plastic, are interconnected or joined together via a ring to form a mold cavity having substantially the same dimensions of the lens to be formed therein. The invention is further directed to compositions and methods used in lens casting. In a first implementation the invention includes a mold having a ring having an interior periphery; a front mold formed of a plastic and having a lens-forming surface, an edge circumscribing the lens-forming surface that is sized to be complementarily received within a portion of the interior periphery of the ring, and a base having dimensions greater than the interior periphery; and a rear mold formed of a plastic and having a lens-forming surface.

IPC 8 full level

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Citation (search report)

- [Y] US 6772988 B2 20040810 - ALTMANN GRIFFITH E [US]
- [Y] US 4919850 A 19900424 - BLUM RONALD D [US], et al
- [A] US 5178800 A 19930112 - BLUM RONALD D [US]
- See references of WO 2006055815A2

Citation (examination)

- US 2004099971 A1 20040527 - SU KAI [US], et al
- US 4338269 A 19820706 - RUSSELL RAYMOND J

Designated contracting state (EPC)

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