

Title (en)  
IMPROVED INTRAOCULAR LENS AND CORRESPONDING MANUFACTURING METHOD

Title (de)  
VERBESSERTE INTRAOKULARLINSE UND ENTSPRECHENDES HERSTELLUNGSVERFAHREN

Title (fr)  
LENTILLE INTRAOCULAIRE AMÉLIORÉE ET PROCÉDÉ DE FABRICATION CORRESPONDANT

Publication  
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Application  
**EP 13704186 A 20130122**

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Abstract (en)  
[origin: WO2013110888A2] The invention relates to an intraocular lens having an optical axis, and a central area and a peripheral area which are substantially symmetrical relative to said optical axis and extend substantially perpendicular thereto, said central area extending up to a first distance, and the peripheral area extending from the first distance until the end of the intraocular lens, wherein the central area has nominal optical power, and the peripheral area has a radius of curvature that varies in a continuous, monotonic manner in accordance with the distance to the optical axis, such that a target asphericity value is obtained at a second distance from the optical axis, the first distance and the second distance being calculated from a photopic pupil diameter and a mesopic pupil diameter of a patient, respectively.

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**A61F 2240/002** (2013.01 - EP)

Citation (search report)  
See references of WO 2013110888A2

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US10534198B2; US11333903B2; US9759930B2; US10520754B2; US11320672B2; US10203522B2; US10209535B2; US10466507B2;  
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