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DeBoer et al.

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(54) **SYSTEMS AND METHODS FOR
CUSTOMIZING ADJUSTABLE
INTRAOCULAR LENSES**

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See application file for complete search history.

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(57) **ABSTRACT**

The lens geometry and power of an intraocular lens is
optimized to provide both distance and near vision correc-
tion for a patient. The optimization may be based on one or
more measured accommodation-related parameters and one
or more estimated accommodation-related parameters. An
accommodative amplitude may be predicted based on the
measured and estimated accommodation-related parameters,
and the optimized the intraocular lens geometry and power
established based thereon.

(58) **Field of Classification Search**
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A61F 2/16; A61F 2/1602; A61F 2/1613;

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