



(12) **United States Patent**
Wortz et al.

(10) **Patent No.:** **US 9,504,558 B2**
(45) **Date of Patent:** **Nov. 29, 2016**

(54) **ATTACHABLE OPTIC PROSTHETIC CAPSULAR DEVICES**

USPC 623/6.37, 6.38, 6.46, 6.39, 6.4, 6.41, 623/6.43
See application file for complete search history.

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(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

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(21) Appl. No.: **15/157,015**

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(22) Filed: **May 17, 2016**

Becker et al., "Accuracy of lens power calculation and centration of an aspheric intraocular lens", Ophthalmologel, Oct. 2006, vol. 103, Issue 10, pp. 873-876.

(65) **Prior Publication Data**

US 2016/0256263 A1 Sep. 8, 2016

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Related U.S. Application Data

(62) Division of application No. 14/968,427, filed on Dec. 14, 2015, now Pat. No. 9,358,103.

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(60) Provisional application No. 62/114,231, filed on Feb. 10, 2015, provisional application No. 62/168,493, filed on May 29, 2015, provisional application No. 62/216,591, filed on Sep. 10, 2015.

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(51) **Int. Cl.**

A61F 2/16 (2006.01)

A61F 2/14 (2006.01)

A61F 9/00 (2006.01)

(57) **ABSTRACT**

A prosthetic capsular device configured to be inserted in an eye includes a housing structure and a ring structure. The housing structure includes a first side, a second side opposite the first side, a third side, a fourth side opposite the third side, a posterior side including a refractive surface, an anterior side opposite the posterior side, and a longitudinal axis. The first side, the second side, the third side, the fourth side, the posterior side, and the anterior side at least partially define a cavity configured to contain an intraocular device (e.g., an IOL). The anterior side includes an opening. The ring structure includes a ring structure portion extending radially outward from proximate one of an end of the first side and an end of the second side.

(52) **U.S. Cl.**

CPC . **A61F 2/14** (2013.01); **A61F 2/16** (2013.01); **A61F 2/1648** (2013.01);

(Continued)

(58) **Field of Classification Search**

CPC .. A61F 2/1624; A61F 2/1629; A61F 2/1694; A61F 2002/1681; A61F 2002/169; A61F 2002/16901; A61F 2002/16902

24 Claims, 158 Drawing Sheets

