



US005116369A

United States Patent [19]

[11] Patent Number: **5,116,369**

Kushibiki et al.

[45] Date of Patent: **May 26, 1992**

[54] **COMPOSITION FOR INTRAOCULAR LENS**

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[21] Appl. No.: **582,117**

[22] Filed: **Sep. 14, 1990**

Related U.S. Application Data

[63] Continuation of Ser. No. 405,584, Sep. 11, 1989, abandoned, which is a continuation of Ser. No. 164,415, Mar. 4, 1988, abandoned.

[30] **Foreign Application Priority Data**

Mar. 6, 1987 [JP] Japan 62-49907

[51] Int. Cl.⁵ **A61F 2/14**

[52] U.S. Cl. **623/6; 351/160 H**

[58] Field of Search **351/160 H; 623/6**

[56] **References Cited**

U.S. PATENT DOCUMENTS

4,537,943 8/1985 Talcott 528/15

4,542,542 9/1985 Wright 623/6
4,608,050 8/1986 Wright 623/6
4,647,282 3/1987 Fedorov et al. 623/4
4,698,386 10/1987 Fujimoto 524/862

FOREIGN PATENT DOCUMENTS

0204171 12/1986 European Pat. Off. .
3532686 9/1985 Fed. Rep. of Germany .

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[57] **ABSTRACT**

A composition for an intraocular lens comprising, an organopolysiloxane (A) having a viscosity of 10,000 cp or below and comprising at least one unsaturated aliphatic group, an organopolysiloxane (B) comprising at least three hydrogenated silyl units and a platinum compound; wherein the platinum compound based on its platinum content constitutes 10–200 ppm by weight of the composition. The composition provides a homogeneous intraocular lens even when it is injected into a crystalline capsule through a slender tube such as an injection needle.

11 Claims, 3 Drawing Sheets

