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# United States Patent [19]

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[54] **FLEXIBLE INTRAOCULAR IMPLANT AND SET OF SUCH IMPLANTS**

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### [57] ABSTRACT

The invention relates to an intraocular implant made of a flexible material presenting an optical refractive index included between 1.40 and 1.56 including an optic portion (10) and a haptic portion, the optic portion generally being circular. The optic portion of the implant has a cylindrical circumferential surface (16) with a width e of 0.1–0.3 mm and a diameter De of 5–7 mm, and two main surfaces (12, 14), each consisting of a spherical cap (18) of which the geometrical axis coincides with the optical axis and a frusto-conical surface (20) with an inner edge connected to the edge of the spherical cap via a toroidal surface portion (22), and an outer edge connected to said circumferential surface, the thickness E of said optic portion being between 1 and 1.5 mm along the optical axis.

**23 Claims, 2 Drawing Sheets**

