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Salamone

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(54) **ORDERED POLYMER SYSTEM AND INTRAOCULAR LENS**

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See application file for complete search history.

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(57) **ABSTRACT**

An intraocular lens with an ordered polymer system contained within a lens capsule or a membrane in the lens capsule. The ordered polymer system includes at least one negatively charged copolymer comprising hydrophilic groups, anionic groups and hydrophobic groups, and at least one positively charged copolymer comprising hydrophilic groups, cationic groups and hydrophobic groups. The at least one negatively charged copolymer and the at least one positively charged copolymer are associatively arranged through non-covalent interactions in the lens capsule or the membrane.

29 Claims, 1 Drawing Sheet