

- [54] **OCULAR THERAPEUTIC SYSTEM WITH SELECTED MEMBRANES FOR ADMINISTERING OPHTHALMIC DRUG**
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- [\*] Notice: The portion of the term of this patent subsequent to Sept. 9, 1992, has been disclaimed.
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**Related U.S. Application Data**

- [63] Continuation-in-part of Ser. No. 591,712, June 30, 1975, abandoned, which is a continuation-in-part of Ser. No. 281,446, Aug. 17, 1972, Pat. No. 3,903,880, which is a continuation-in-part of Ser. No. 80,531, Oct. 14, 1970, abandoned.
- [51] Int. Cl.<sup>2</sup> ..... **A61K 9/00; A61K 9/22**
- [52] U.S. Cl. .... **424/14; 128/260; 424/16; 424/19; 424/22; 424/28**
- [58] Field of Search ..... **128/260; 424/14-22, 424/28**

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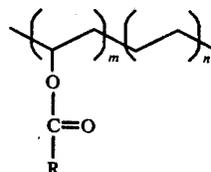
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[57] **ABSTRACT**

An ocular therapeutic system for releasing a drug to the eye at a controlled and continuous rate for a prolonged period of time is disclosed. The system is shaped, sized and adapted for insertion and retention in the eye. The system contains an ophthalmically acceptable drug and it is formed of a polymeric material permeable to the passage of drug by diffusion. The material is an ethylene-vinyl ester copolymer of the general formula:



wherein R is hydrogen, alkyl of 2 to 7 carbons, or aryl, m is (4 to 80)% by weight and n is (100 - m)% by weight.

**13 Claims, 4 Drawing Figures**