

# United States Patent [19]

Höfer et al.

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[54] CONTACT LENS AND COMPOSITIONS

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### Related U.S. Application Data

[63] Continuation of Ser. No. 226,674, Jan. 21, 1981, abandoned.

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[52] U.S. Cl. .... **526/264; 351/160 H; 526/307.5; 526/312**

[58] Field of Search ..... 526/264, 307.5, 312, 526/317

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### [57] ABSTRACT

A soft contact lens having in preferred embodiment an elliptical inside surface which has a numerical eccentricity of 0.2 to 0.5 and a zenith radius of curvature of 8.0 to 8.4 mm. It preferably consists of a copolymer comprising of 50% to 90% hydroxyethyl-methacrylate (HEMA) by weight, 2% to 20% one or more unsaturated carboxylic acids, 2% to 20% one or more base monomers, 5% to 25% aliphatic acrylate or methacrylate, and 0.1% to 1% of a dialkylene-glycol-dimethacrylate crosslinker.

**6 Claims, 2 Drawing Figures**