

[54] **PRODUCING SOFT CONTACT LENSES**

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[57]

ABSTRACT

A soft contact lens is provided by: pouring an excess amount of an original solution for producing a soft contact lens into a concave mold; placing a convex mold on said concave mold and overflowing the excess of said original solution to thereby uniformly fill said original solution in a space between said concave mold and said convex mold; gelling said original solution between the two molds to form therebetween a lens having a tensile strength of at least about 0.1 kgf/cm²; immersing said lens and said two molds in a liquid to peel said lens from said molds; and extracting the thus-peeled lens via an extraction treatment with water. The "original solution" contains:

a component A selected from the group consisting of monomers and hydrophillic polymers wherein the monomers yield hydrophillic component when polymerized;

a compound B selected from the group consisting of monomers and hydrophobic polymers wherein the monomers yield hydrophobic component when polymerized; and

a solvent C

the weight ratio of A:B being from about 85:15 to about 55:45 and solvent C being about 5 to 95% by weight.

11 Claims, 3 Drawing Figures

