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(54) Title: METHOD FOR MAKING PHOTOCROMIC CONTACT LENSES

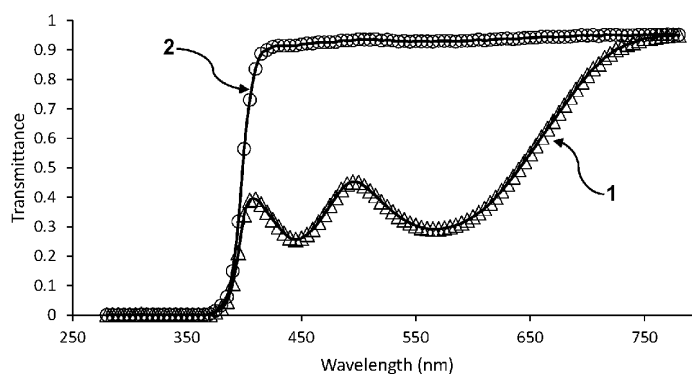


Figure 2

(57) Abstract: Described herein is a method for producing photochromic silicone hydrogel contact lenses in a relatively efficient and consistent manner from a polymerizable composition under a controlled thermal curing scheme. The main polymerizable components in the polymerizable composition are a high radical-reactive hydrophilic (meth)acrylamido monomer, a high radical-reactive siloxane-containing (meth)acrylamido monomer, and a polysiloxane vinylic crosslinker(s) free of low-reactive ethylenically unsaturated group as the main crosslinker. The thermal free radical initiator having a 10 hour half-life temperature ($T_{10h\lambda}$) of from about 50°C to about 90°C. The controlled thermal curing scheme includes maintaining a first curing temperature of from about ($T_{10h\lambda} - 20$)°C to about $T_{10h\lambda}$ °C for a first curing time and maintaining a second curing temperature of from about ($T_{10h\lambda} + 10$)°C to about ($T_{10h\lambda} + 35$)°C for a second curing time.

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- *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*

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