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(54) Title: CONTACT LENS FORMULATION AND CONTACT LENS

(57) Abstract: Silicone hydrogel contact lens formulations are described. The formulations have a silicone component and a silicone-free component. The silicone component includes two or three compounds represented by Formula 1, Formula 2, or Formula 3. The silicone-free component includes a methacrylate component and an N-vinyl amide component. The methacrylate component includes hydroxybutyl methacrylate (HOB) and isobornyl methacrylate (IBM). The N-vinyl amide component includes N-vinyl N-methyl acetamide. When the compounds of Formula 1 and Formula 2 are present in the formulations in a specified ratio to each other, providing the HOB and IBM in specific amounts to achieve the specified ratios results in desirable silicone hydrogel contact lenses. The silicone hydrogel contact lenses are also described.



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