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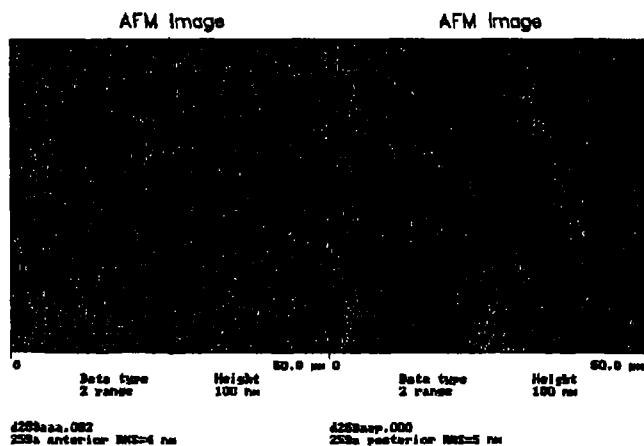
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(54) Title: SURFACE TREATMENT OF SILICONE HYDROGEL CONTACT LENSES COMPRISING HYDROPHILIC POLYMER CHAINS ATTACHED TO AN INTERMEDIATE CARBON COATING



(57) Abstract: The present invention provides an optically clear, hydrophilic coating upon the surface of a silicone medical device by sequentially subjecting the surface of the lens to plasma polymerization in a hydrocarbon-containing atmosphere and then covalently attaching a preformed hydrophilic polymer to the surface of the carbon coating. The invention is especially useful for forming a biocompatible coating on a silicone contact lens.



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