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(54) Title: KERATIN-BASED FIBERS

(57) Abstract: The present invention provides a fiber comprising two or more fibrils, the two or more fibrils each comprising an anionic α -keratin intermediate filament and a cationic polymer, the cationic polymer selected from the group consisting of a cationic polysaccharide and a cationic α -keratin intermediate filament. The present invention also provides a suture and a mesh comprising the fiber of the invention, and a method of preparing the fiber of the invention.

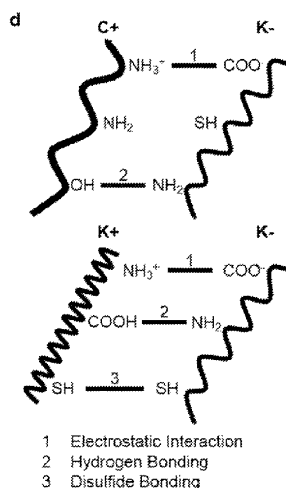


FIG. 1

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