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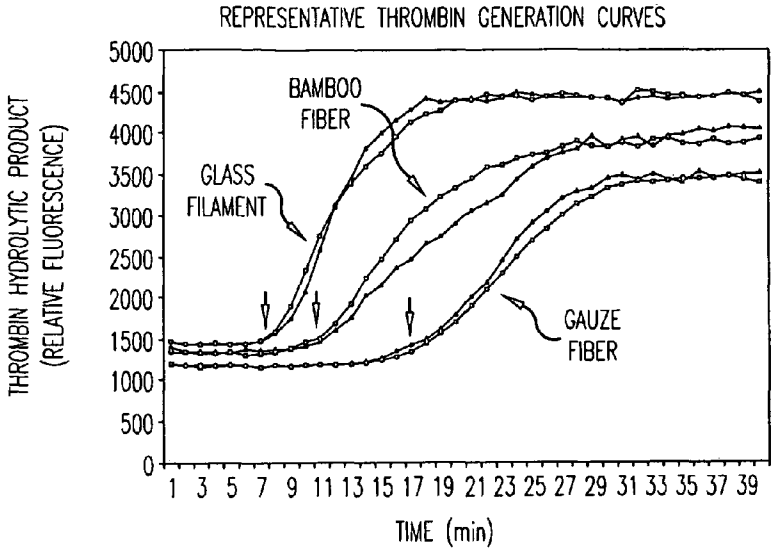
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(54) Title: HEMOSTATIC TEXTILE




(57) Abstract: The present invention is directed to a hemostatic textile, comprising: a material comprising a combination of glass fibers and one or more secondary fibers selected from the group consisting of silk fibers; ceramic fibers; raw or regenerated bamboo fibers; cotton fibers; rayon fibers; linen fibers; ramie fibers; jute fibers; sisal fibers; flax fibers; soybean fibers; corn fibers; hemp fibers; lyocel fibers; wool; lactide and/or glycolide polymers; lactide/glycolide copolymers; silicate fibers; polyamide fibers; feldspar fibers; zeolite fibers, zeolite-containing fibers, acetate fibers; and combinations thereof; the hemostatic textile capable of activating hemostatic systems in the body when applied to a wound. Additional cofactors such as thrombin and hemostatic agents such as RL platelets, RL blood cells; fibrin, fibrinogen, and combinations thereof may also be incorporated into the textile. The invention is also directed to methods of producing the textile, and methods of using the textile to stop bleeding.

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