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(54) **Title:** SYNTHETIC ELASTOMERIC ARTICLE AND METHOD FOR THE PRODUCTION THEREOF



Articles with barrier layer

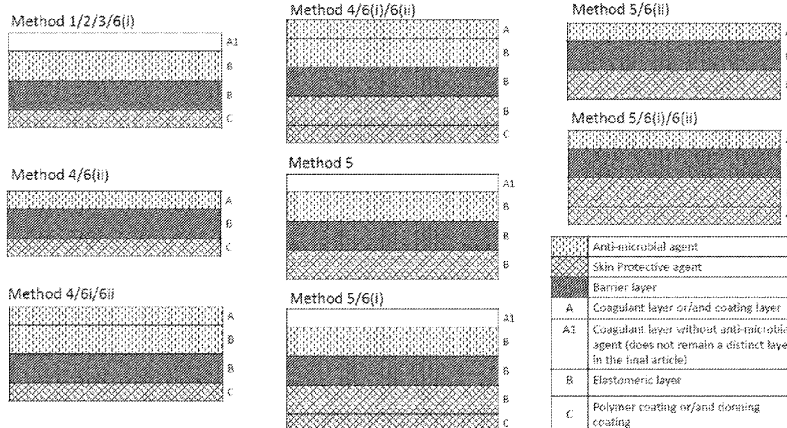


Figure 1

(57) **Abstract:** The present application relates to an elastomeric article, such as a glove, comprising: (i) an elastomeric film comprising one or more film layers, and including an external surface and an internal surface, (ii) an antimicrobial agent that is effective against both beneficial and harmful microorganisms on the external surface of the elastomeric film, and (iii) a skin- protective agent selected from a probiotic, a prebiotic, or a combination thereof on the internal surface of the elastomeric film; wherein the inner surface of the film is free of an antimicrobially-effective amount of an antimicrobial agent that is effective against both beneficial and harmful microorganisms. The elastomeric articles may further comprise a barrier film layer that provides separation between the antimicrobial agent and the skin- protective agent. Also described are methods for the manufacture of such articles.

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