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(54) **IMMOBILISED BIOLOGICAL ENTITIES**

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See application file for complete search history.

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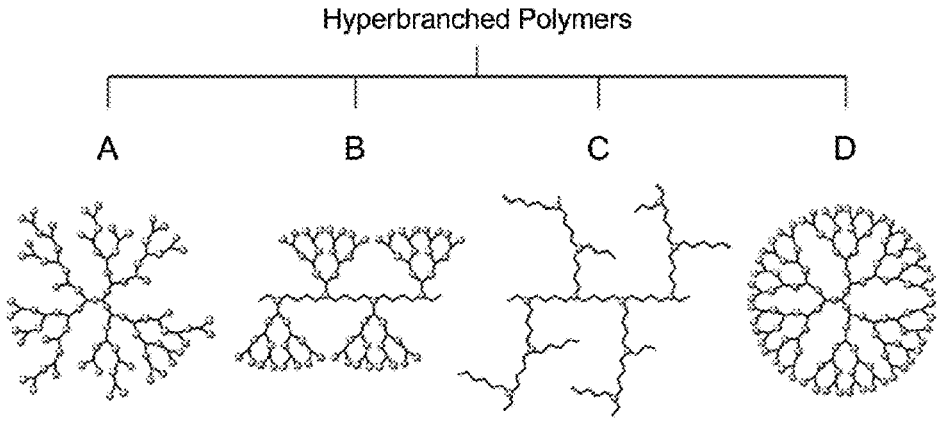
(57) **ABSTRACT**

There is described inter alia a device having a surface comprising a layered coating wherein the outer coating layer comprises a plurality of cationic hyperbranched polymer molecules characterized by having (i) a core moiety of molecular weight 14-1,000 Da (ii) a total molecular weight of 1,500 to 1,000,000 Da (iii) a ratio of total molecular weight to core moiety molecular weight of at least 80:1 and (iv) functional end groups, whereby one or more of said functional end groups have an anti-coagulant entity covalently attached thereto.

12 Claims, 7 Drawing Sheets