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(54) Title: MEMBRANE

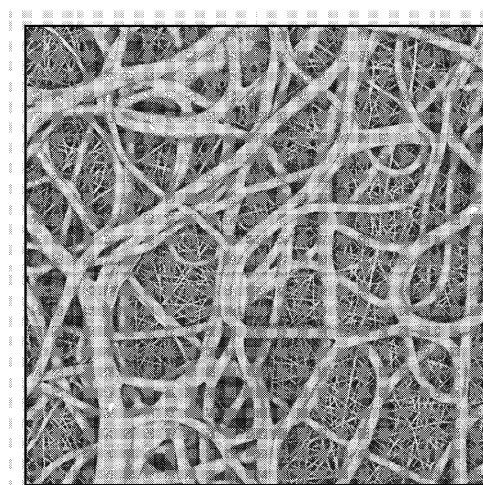


FIG. 3

(57) **Abstract:** The invention relates to a therapeutic composition (5, 6) comprising an inner portion (7) and a biocompatible membrane (4) fully or partially surrounding the inner portion. The biocompatible membrane comprises at least two layers: a first layer (1) of a porous, non-woven network of thermoplastic polyurethane polymer fibres formed by electrospinning and having a porosity of greater than or equal to 50%; an average pore diameter of less than 5µm; and has a thickness in the range 10 to 250µm; and a second layer (2) of a porous, non-woven network of thermoplastic polymer fibres formed by electrospinning. The second layer (2) has a mean average fibre diameter of the second layer (2) is greater than the mean average fibre diameter in the first layer (1), and/or wherein the average pore diameter of the second layer (2) is greater than the average pore diameter of the first layer (1). The inner portion (7) comprises a therapeutic agent (3). The invention also relates to uses of the membrane and therapeutic composition, for instance, to encapsulate

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- *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*
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