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(54) **Title**: AQUAPORIN BASED THIN FILM COMPOSITE MEMBRANES

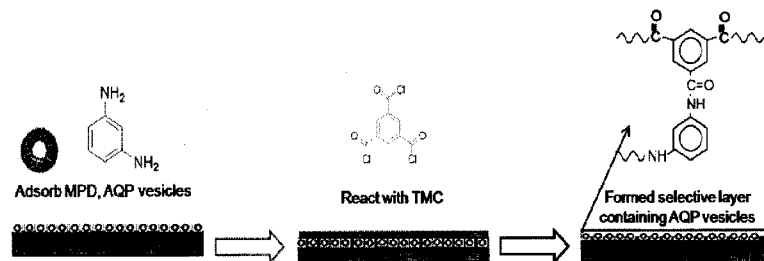


Fig. 6

(57) **Abstract**: Present invention relates to a thin film composite membrane wherein a thin selective layer, having incorporated amphiphilic vesicles, is supported by a microporous substrate. A process of preparing the thin film composite membrane and its use are also disclosed.



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