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(54) Title: MODIFIED MEMBRANES

(57) Abstract: A porous polymeric membrane formed from a blend of a polymeric membrane forming material, such as PVDF or polysulfone and a polymeric reactivity modifying agent adapted to modify the surface active properties of the porous polymeric membrane. The reactivity modifying agent is preferably a linear polymeric anhydride, such as poly(alkyl vinyl ether/maleic anhydride). The surface activity modifications include modification of the hydrophilicity/hydrophobicity balance of the membrane, or hydrolysis followed by reaction with a polyamine to form a cross linked polyamide layer. Such modified membranes have use as reverse osmosis membranes.

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