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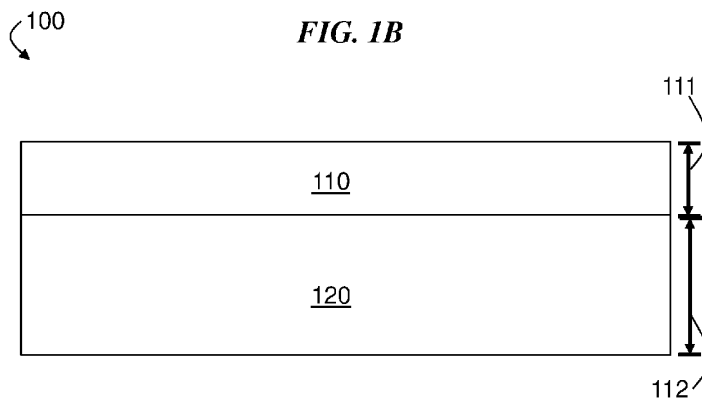
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(54) Title: POLYMERIZATION METHODS FOR MEMBRANE FORMATION



(57) Abstract: Methods of forming porous media (e.g., membranes for liquid separations or parts thereof) via polymerization, and related articles, are generally described. In some instances, two components are combined such that a polymerization (e.g., interfacial polymerization) reaction occurs, resulting in the formation of polymer layer (e.g., an active layer). In some instances, the two components include a first solution including water and a relatively low concentration of a first monomer (e.g., an amine-containing monomer such as optionally-substituted m-phenylenediamine) and a second solution including a nonpolar organic liquid and a relatively low concentration of a second monomer (e.g., an acid halide-containing monomer such as an optionally-substituted trimesoyl chloride).

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