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(54) **Title:** POLYANILINE MEMBRANES FORMED BY PHASE INVERSION FOR FORWARD OSMOSIS APPLICATIONS

(57) **Abstract:** Disclosed herein are forward osmosis (FO) membranes comprising polyaniline. Methods of making the membranes, including methods of tuning the properties of the membranes by post-casting treatments, and methods of using the membranes in FO applications are also described.

