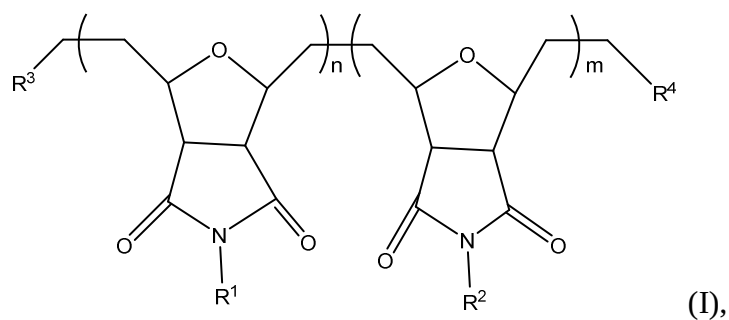


ABSTRACT OF THE DISCLOSURE

Disclosed are self-assembling block copolymers including diblock copolymers of the formula (I):



wherein R^1 - R^4 , n , and m are as described herein, which find use in preparing self-assembled structure and porous membranes. Embodiments of the self-assembled structure contain the block copolymer in a cylindrical morphology. Also disclosed is a method of preparing such copolymers.

[Figure 3]