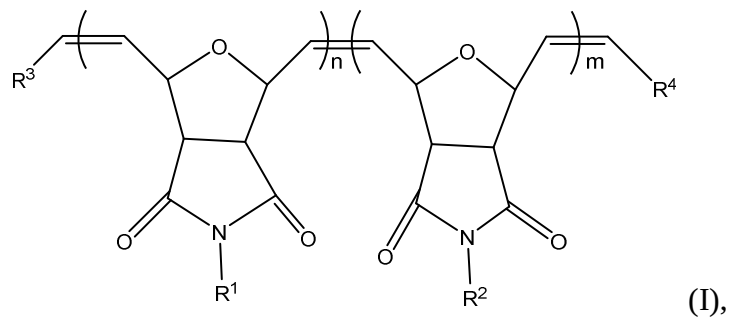


SELF-ASSEMBLING POLYMERS - I

ABSTRACT OF THE DISCLOSURE

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



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

Figure 3