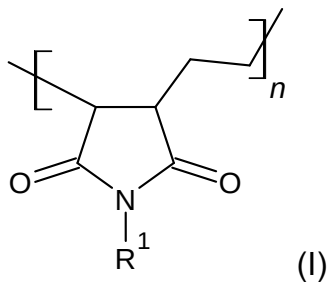


Abstract

Title of Invention: An Ultra-Salt Tolerant Polymer To Form Salt Solutions For Depression Of Freezing Point Of Water

- 5 Described herein are polymers having Formula (I), wherein R¹ comprises a quaternary ammonium cation and a sulfonate anion. The polymers may be used to increase the solubility of salt solutions and to lower the freezing point of water.



10 FIG. 1