

United States Patent [19]

Kershner et al.

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[54] **WATER-INSOLUBLE, CROSSLINKED, SULFONATED AROMATIC POLYAMIDE**

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Related U.S. Application Data

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[52] U.S. Cl. **525/420; 210/500.38; 522/164; 525/427; 525/428; 528/321; 528/331; 528/337; 528/348; 528/370; 528/371**

[58] Field of Search **528/337, 348, 321, 331; 525/420, 427, 428; 522/164**

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[57] ABSTRACT

Novel sulfonated polyamide and polyurea materials are described. The polymers are water-soluble or water-dispersible, if not crosslinked. The polymers can be crosslinked with polyvalent cations or crosslinking agents. The polymers have utility as membranes, thickeners, coatings and adhesives.

11 Claims, No Drawings