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(54) Title: APPARATUS AND PROCESS FOR DISPERSING ISOCYANATE TERMINATED POLYURETHANE PREPOLYMERS ✓		
(57) Abstract An apparatus and process for the preparation of water-based polyurethane-urea polymers wherein dynamic mixers, which have a pitched blade turbine within a draft tube to generate axial flow, are used to disperse isocyanate-terminated polyurethane prepolymers in water. The mixers are configured to provide an average residence time of at least about 10 seconds, an average energy per unit volume input less than about 0.60 watts per cubic centimeter and an average of at least about 5 passes through the mixing zone.		