

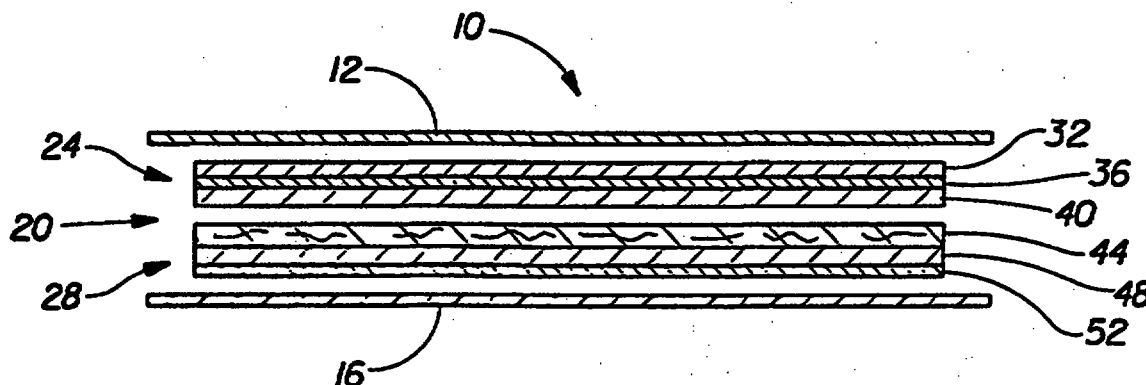
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(54) Title: MIXED-BED ION-EXCHANGE HYDROGEL-FORMING POLYMER COMPOSITIONS AND ABSORBENT MEMBERS COMPRISING RELATIVELY HIGH CONCENTRATIONS OF THESE COMPOSITIONS ✓



(57) Abstract

Disclosed are compositions comprising at least one cationic ion-exchange hydrogel-forming polymer and at least one anionic ion-exchange hydrogel-forming polymer, wherein the composition exhibits improved absorbency characteristics relative to comparable mixtures of the hydrogel-forming polymers in their neutralized state. Also disclosed are mixed-bed ion-exchange compositions having improved Performance Under Pressure values relative to prior mixed-bed compositions, which, e.g., alleviate detrimental gel blocking incurred with these prior systems. Also disclosed are absorbent members useful in the containment of body fluids such as urine, that have at least one region comprising a mixed-bed ion-exchange hydrogel-forming absorbent polymer composition in a concentration of from about 60 to 100 % by weight.