

Title (en)  
ABSORBENT POLYMER COMPOSITIONS HAVING HIGH SORPTION CAPACITIES UNDER AN APPLIED PRESSURE

Title (de)  
WASSERABSORBIERENDE POLYMERZUSAMMENSETZUNGEN MIT HOHEM SORPTIONSVERMÖGEN UNDER ANGEWANDTEM DRUCK

Title (fr)  
COMPOSITIONS ABSORBANTES DE POLYMERES A FORTE CAPACITE DE SORPTION A L'ETAT COMPRIME

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Application  
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Abstract (en)  
[origin: WO0055258A1] Disclosed in the present application are absorbent polymer compositions useful in the absorption of body fluids such as urine, menses and the like. In particular, the invention relates to mixed-bed ion-exchange absorbent polymer compositions having excellent absorbency performance properties in terms of absorbent capacity under a confining pressure of 0.7 psi and/or 1.4 psi. Certain mixed-bed ion-exchange absorbent polymer compositions of the present invention have excellent absorbency properties not only for a synthetic urine with a composition and ionic strength that is typical of young infants but also for a high ionic strength synthetic urine that has a composition and ionic strength that is typical of the urine of older infants and toddlers. The invention also relates to absorbent members comprising the mixed-bed ion-exchange absorbent polymer compositions, and absorbent articles comprising the absorbent members.

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