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(54) Title: ABSORBENT MEMBER FOR ABSORBENT ARTICLES COMPRISING SWELLABLE POLYMERS OF HIGH PERMEABILITY WHICH ARE CAPABLE OF FORMING HYDROGELS

(57) Abstract: The present invention relates to absorbent members in absorbent cores for absorbent articles, which are intended to receive and retain bodily discharges such as urine. Such articles are disposable hygiene articles like baby diapers, training pants, adult incontinence articles, feminine care articles and the like. The improvement essentially is based on the recognition that replacing most or all of the cushioning fibrous absorbent material in an absorbent core by a liquid storage material capable of retaining liquid while maintaining or improving acquisition behavior is desirable as the reduction in cushioning is more than compensated by the gain in comfort. To provide such absorbent members and articles made therewith only became possible with the development of new highly permeable absorbent gel materials especially capable to acquire and conduct liquids at super absorbent polymer concentrations, which are not used today.



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