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(54) Title: ABSORBENT STRUCTURES COMPRISING FLUID STORAGE MEMBERS WITH IMPROVED ABILITY TO DEWATER DISTRIBUTION MEMBERS

(57) Abstract

The present invention is an absorbent structure to be used in absorbent articles, having at least a first region for acquisition/distribution of fluid and a second region for storage of fluid. The first region can contain materials which have a relatively high capillary desorption pressure, as the materials in the second region exhibit a sufficiently high capillary absorption pressure so as to still efficiently drain the first region. The first region material has a Capillary Sorption Desorption Height (CSDH 90) of more than 40 cm and the second region material satisfies at least one of following requirements: (a) an absorption capacity of at least 15 g/g at 35 cm in the caporption test; (b) an absorption capacity of at least 15 g/g at 0 cm in the caporption test and an absorption efficiency of at least 55 % at 40 cm; (c) a Capillary Sorption Absorption Height at 50 % of its capacity at 0 cm absorption height (CSAH 50) of at least 35 cm in the caporption test.

