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(54) Title: SUPERABSORBENT POLYMERS HAVING RADIATION ACTIVATABLE SURFACE CROSS-LINKERS AND METHOD OF MAKING THEM

(57) Abstract: The present invention relates to superabsorbent polymer particles with improved surface cross-linking and their use in absorbent articles. The superabsorbent polymer particles of the present invention comprise a water-absorbing resin and the reaction product of a radiation activatable surface cross-linker wherein the reaction product of the radiation activatable surface cross-linker is present at surfaces of the superabsorbent polymer particles. The radiation activatable surface cross-linker comprises at least two radiation activatable groups R, which are covalently bound to each other or to at least one spacer group S. Moreover, the invention relates to a process for making these superabsorbent polymer particles.



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