

Title (en)
PROCESS OF MAKING ABSORBENT STRUCTURES COMPRISING ABSORBENT POLYMER COMPOSITIONS WITH A PERMEABILITY MAINTENANCE AGENT

Title (de)
VERFAHREN ZUR HERSTELLUNG VON ABSORBIERENDEN STRUKTUREN MIT EINEM ABSORBIERENDEN POLYMER UND EINEM AGENS ZUR ERHALTUNG DER PERMEABILITÄT

Title (fr)
PROCEDE DE FABRICATION DE STRUCTURES ABSORBANTES COMPRENANT DES PREPARATIONS POLYMERES ABSORBANTES ET UN AGENT DE MAINTIEN DE LA PERMEABILITE

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EP 1265571 A1 20021218 (EN)

Application
EP 00912178 A 20000306

Priority
US 0005724 W 20000306

Abstract (en)
[origin: WO0166056A1] A process of making an absorbent structure comprising the steps of providing absorbent polymer particles, mixing said absorbent polymer particles with a Permeability Maintenance Agent to form a blend, and further providing a carrier selected such as fibers, porous substrates like fibrous webs or foams. Further, the process includes a means for combining said absorbent polymer particle/Permeability Maintenance Agent blend with said carrier means, wherein the absorbent polymer particle/Permeability Maintenance Agent blend is combined with the carrier to form an absorbent structure, whereby a mechanical stress is exerted on said absorbent polymer particle/Permeability Maintenance Agent blend. The process includes a step for mixing the absorbent polymer particles with said Permeability Maintenance Agent prior to the combining step, whereby the SFC value of the absorbent polymer particle/Permeability Maintenance Agent blend is reduced less than that of the absorbent polymer particles without Permeability Maintenance Agent, upon being subjected to said mechanical stress.

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Citation (search report)
See references of WO 0166056A1

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