

Title (en)

ABSORBENT MATERIAL HAVING IMPROVED ABSORBENT PERMEABILITY AND METHODS FOR MAKING THE SAME

Title (de)

ABSORBIERENDES MATERIAL MIT VERBESSERTER, ABSORBIERENDER DURCHLÄSSIGKEIT UND ZUGEHÖRIGES HERSTELLUNGSVERFAHREN

Title (fr)

MATERIAU ABSORBANT PRESENTANT UNE PERMEABILITE HYDROPHYLE AMELIOREE ET PROCEDE D'ELABORATION DE CE MATERIAU

Publication

EP 0855891 A4 20050420 (EN)

Application

EP 96936066 A 19961001

Priority

- AU PN573195 A 19951003
- US 9615645 W 19961001

Abstract (en)

[origin: WO9712575A1] An absorbent material having substantially improved liquid permeability such that it is not subject to gel blocking while maintaining preferred absorbent capacity. The absorbent material comprises (a) a plurality of absorbent gelling particles comprising a water-insoluble, absorbent, hydrogel-forming polymer; and (b) a polycationic polymer covalently bonded to the absorbent gelling particles; wherein the absorbent material has a Saline Flow Conductivity, greater than $(500-11.5 \cdot GV)(10^{-7})\text{cm}^3/\text{sec/g}$, wherein GV is the gel volume of the absorbent material.

IPC 1-7

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IPC 8 full level

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CPC (source: EP)

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- No further relevant documents disclosed
- See references of WO 9712575A1

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