

Title (en)

A process for preparing a non-woven fibrous web from fibers and a latex, and the non-woven fibrous material so prepared.

Title (de)

Verfahren zur Herstellung eines nicht-gewebten Faservlieses aus Fasern und einem Latex, und das so hergestellte nicht-gewebte Fasermaterial.

Title (fr)

Procédé de préparation d'une nappe fibreuse non-tissée à partir de fibres et d'un latex, et la matière fibreuse non-tissée ainsi préparée.

Publication

EP 0000922 A1 19790307 (EN)

Application

EP 78100677 A 19780816

Priority

US 82531977 A 19770817

Abstract (en)

[origin: US4178205A] A high strength, non-woven fibrous material is prepared by (a) mixing an aqueous slurry of a negatively charged, water-insoluble natural or synthetic fiber or blend of fibers with an amount up to the fiber charge reversal point of a structured particle latex having pH independent cationic charges bound at or near the particle surface to form an aqueous suspension, (b) draining water from the aqueous suspension to form a wet web (c) wet pressing the web and (d) drying the web by heating.

IPC 1-7

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IPC 8 full level

D21H 17/34 (2006.01); **D21H 17/44** (2006.01)

CPC (source: EP US)

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Citation (search report)

- US 3130117 A 19640421 - HUMISTON CHARLES G, et al
- FR 2308660 A1 19761119 - DOW CHEMICAL CO [US]
- US 3772143 A 19731113 - ROTH H

Cited by

EP0406354A4; EP0343850A3

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