

Title (en)

A METHOD FOR PREPARING A HIGH STRENGTH COMPOSITE AND FIBROUS WEB COMPRISING A DRIED COMPOSITE

Publication

EP 0000921 B1 19811202 (EN)

Application

EP 78100676 A 19780816

Priority

- US 82532077 A 19770817
- US 82532377 A 19770817

Abstract (en)

[origin: EP0000921A1] High strength composites prepared by (A) mixing (1) an aqueous slurry of negatively charged, water-insoluble natural or synthetic fiber such as cellulose fiber, (2) a latex having a high density of pH independent cationic charges, such as sulfonium, bound at or near the particle surface, (3) a water-soluble, high molecular weight anionic polymer co-additive, such as a hydrolyzed polyacrylamide and optionally (4) conventional wet and additives; (B) draining water from the resulting aqueous suspension and (C) drying by heating.

IPC 1-7

D21D 3/00; **D21H 3/38**; **C08F 257/02**; **C08F 279/02**; **C08F 8/00**

IPC 8 full level

C08F 8/00 (2006.01); **D21H 17/34** (2006.01); **D21H 17/37** (2006.01); **D21H 17/43** (2006.01); **D21H 21/54** (2006.01)

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