

Title (en)

Highly latex-charged paper web, process for its manufacture and its applications, in particular as a substitute for impregnated glass fibre mats.

Title (de)

Papierbahn mit einem sehr hohen Latex-Anteil, ihr Herstellungsverfahren und ihre Anwendungen, insbesondere als Ersatz für imprägnierte Glasfasermatten.

Title (fr)

Feuille papetière à très fort taux de latex, son procédé de préparation et ses applications notamment comme produit de substitution de voiles de verre imprégnés.

Publication

EP 0100720 A1 19840215 (FR)

Application

EP 83401528 A 19830726

Priority

- FR 8213391 A 19820730
- FR 8218624 A 19821105

Abstract (en)

[origin: ES8504296A1] PREPARATION METHOD OF A FIBROUS LEAF WITH A HIGH PERCENTAGE OF LATEX. A WEIGHT RATIO BETWEEN 45 AND 140 PARTS OF FIBROUS MIXTURE PER 100 PARTS OF LATEX IS USED. THE FIBROUS MIXTURE IS COMPOSED, BY WEIGHT, OF 30 TO 90 PARTS OF CELLULOSE FIBERS AND BETWEEN 15 AND 50 PARTS OF NON-CELLULOSIC FIBERS, PREFERABLY FIBERS OF GLASS, ROCK WOOL, POLYESTER FIBER AND THE LIKE. CONTRIBUTIONS ARE PERFORMED SEQUENTIALLY: FIBROUS MIXTURE, FIRST CONTRIBUTION OF FLOCULANT, LATEX, SECOND AND THIRD CONTRIBUTION OF FLOCULANT. THE SHEET OBTAINED IS SUBMITTED TO SATIN FINISH, SPRAYING IMPREGNATION, GLUE PRESSING AND OTHER TREATMENTS REQUIRED. IT IS APPLIED AS A SUBSTITUTE PRODUCT FOR IMPREGNATED GLASS FABRICS FOR FLOOR COATINGS. (Machine-translation by Google Translate, not legally binding)

Abstract (fr)

On utilise de 80 à 130 parties en poids de latex, environ, pour environ 60 à 140 parties en poids de mélange fibreux. On utilise environ 45 à 140 parties en poids sec de mélange fibreux pour 100 parties en poids sec de latex. Fabrication notamment par double floculation (ajout du ou des floculant(s) en partie avant et en partie après l'ajout de latex). Très bonnes propriétés, notamment résistance à la rupture et à la délamination.

IPC 1-7

D21H 3/02; D06N 7/00

IPC 8 full level

D21H 13/40 (2006.01); **D21H 17/37** (2006.01); **D21H 17/43** (2006.01); **D21H 17/45** (2006.01)

CPC (source: EP US)

D21H 13/40 (2013.01 - EP US); **D21H 17/37** (2013.01 - EP US); **D21H 17/43** (2013.01 - EP US); **D21H 17/455** (2013.01 - EP US); **Y10T 428/31895** (2015.04 - EP US)

Citation (search report)

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- [YD] EP 0006390 A1 19800109 - ARJOMARI PRIOUX [FR]
- [A] US 2932603 A 19600412 - STERLING GEORGE B
- [A] US 1567646 A 19251229 - ERNEST HOPKINSON, et al
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Designated contracting state (EPC)

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EP 0100720 A1 19840215; EP 0100720 B1 19861230; BR 8304014 A 19840307; CA 1216710 A 19870120; DE 3368705 D1 19870205; DK 336683 A 19840131; DK 336683 D0 19830722; ES 524611 A0 19850416; ES 8504296 A1 19850416; FI 76393 B 19880630; FI 76393 C 19881010; FI 832748 A0 19830729; FI 832748 A 19840131; GR 78635 B 19840927; PT 77128 A 19830801; PT 77128 B 19860128; US 4612251 A 19860916

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