

Title (en)

PAPERMAKING FURNISH COMPRISING SOLVENTLESS CATIONIC POLYMER RETENTION AID COMBINED WITH PHENOLIC RESIN AND POLYETHYLENE OXIDE

Title (de)

PAPIERSTOFF MIT LÖSUNGSMITTELFREIEM KATIONISCHEM POLYMER ALS RETENTIONSMITTEL IN KOMBINATION MIT PHENOLHARZ UND POLYETHYLENOXID

Title (fr)

COMPOSITION DE FABRICATION DE PAPIER COMPRENANT UN AGENT DE RETENTION POLYMERE CATIONIQUE SANS SOLVANT COMBINE AVEC UNE RESINE PHENOLIQUE ET DU POLYETHYLENE OXYDE

Publication

**EP 1546460 A1 20050629 (EN)**

Application

**EP 03798022 A 20030916**

Priority

- CA 0301415 W 20030916
- CA 2405649 A 20020927

Abstract (en)

[origin: WO2004029360A1] A papermaking furnish is provided with a phenolic resin/polyethylene oxide retention system in combination with a solventless cationic polymer retention aid which increases retention rate and drainage in the paper sheet. The retention aid may be added to the furnish together with the phenolic resin or separately from it at a different point of addition. It can also be used for pretreating a filler which is added to the furnish.

IPC 1-7

**D21H 23/76**

IPC 8 full level

**D21H 23/76** (2006.01); **D21H 21/10** (2006.01)

CPC (source: EP US)

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Citation (search report)

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