

Title (en)

METHOD FOR IMPROVING PRINTABILITY AND COATABILITY OF PAPER AND BOARD

Title (de)

VERFAHREN ZUR VERBESSERUNG DRÜCKFÄHIGKEIT UND STREICHFÄHIGKEIT VON PAPIER UND KARTON

Title (fr)

PROCEDE D'AMELIORATION DE L'IMPRIMABILITE ET DE L'APTITUDE AU COUCHAGE D'UN PAPIER ET D'UN CARTON

Publication

**EP 1252391 B1 20091104 (EN)**

Application

**EP 01901234 A 20010111**

Priority

- FI 0100022 W 20010111
- FI 20000048 A 20000111

Abstract (en)

[origin: WO0151708A1] The invention concerns a method for improving the printability and coatability of calendered paper and board. The method suggests the addition of polysaccharide and further, as a hydrophobic agent, at least a dispersed polymer which contains hydrophobic monomers, to the fiber stock in the production of the paper and board.

IPC 8 full level

**D21H 21/16** (2006.01); **D21H 23/02** (2006.01); **D21H 17/24** (2006.01); **D21H 17/29** (2006.01); **D21H 17/53** (2006.01); **D21H 17/06** (2006.01); **D21H 17/28** (2006.01); **D21H 17/33** (2006.01); **D21H 25/04** (2006.01)

CPC (source: EP KR US)

**D21H 17/24** (2013.01 - EP KR US); **D21H 25/04** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

**WO 0151708 A1 20010719**; AT E447641 T1 20091115; AU 2684401 A 20010724; CA 2395704 A1 20010719; CA 2395704 C 20100803; CN 1401034 A 20030305; DE 60140347 D1 20091217; EP 1252391 A1 20021030; EP 1252391 B1 20091104; ES 2333298 T3 20100219; JP 2003519732 A 20030624; KR 20020071014 A 20020911; NO 20023331 D0 20020710; NO 20023331 L 20020710; PT 1252391 E 20091209; RU 2002121497 A 20040327; RU 2266995 C2 20051227; US 2003106659 A1 20030612

DOCDB simple family (application)

**FI 0100022 W 20010111**; AT 01901234 T 20010111; AU 2684401 A 20010111; CA 2395704 A 20010111; CN 01805145 A 20010111; DE 60140347 T 20010111; EP 01901234 A 20010111; ES 01901234 T 20010111; JP 2001551891 A 20010111; KR 20027008932 A 20020710; NO 20023331 A 20020710; PT 01901234 T 20010111; RU 2002121497 A 20010111; US 19251402 A 20020711