

Title (en)

Water resistant and repulpable compact material from broken cellulose and process of preparation thereof

Title (de)

Wasserfestes und wiederaufschliessbares kompaktes Material aus zerbrochener Zellulose und dessen Verfahren zur Herstellung

Title (fr)

Matériau compact résistant à l'eau et repulpable, à base de matériaux cellulosiques broyés, et son procédé de fabrication

Publication

EP 0664357 B1 19980722 (FR)

Application

EP 95400120 A 19950120

Priority

FR 9400712 A 19940124

Abstract (en)

[origin: EP0664357A1] A novel compact, water-resistant material (I), based on ground cellulosic material, is repulpable and contains: (A) an organic binder selected from starch (or derivs.), flour, proteins, starch mfr. by-products, cellulose (or derivs.), hemicellulose (or derivs.) and mixts.; and (B) an organosilicon or fluorinated acrylic copolymer hydrophobic agent to provide water resistance.

IPC 1-7

D21H 17/59; **D21H 17/37**; **D21H 17/28**; **D21H 17/29**; **D21H 17/22**; **D21H 17/25**

IPC 8 full level

D21H 17/01 (2006.01); **D21H 17/11** (2006.01); **D21H 17/13** (2006.01); **D21H 17/22** (2006.01); **D21H 17/25** (2006.01); **D21H 17/28** (2006.01); **D21H 17/59** (2006.01); **D21H 21/16** (2006.01)

CPC (source: EP)

D21H 17/01 (2013.01); **D21H 17/11** (2013.01); **D21H 17/13** (2013.01); **D21H 17/22** (2013.01); **D21H 17/25** (2013.01); **D21H 17/28** (2013.01); **D21H 17/59** (2013.01); **D21H 21/16** (2013.01)

Cited by

EP0900036A4; NL1001959C2; EP0787855A1; FR2744141A1; EP1241214A1; FR2822160A1; FR2822169A1; EP1241215A1; WO2023180630A1

Designated contracting state (EPC)

AT BE CH DE ES GB IE IT LI LU NL PT

DOCDB simple family (publication)

EP 0664357 A1 19950726; **EP 0664357 B1 19980722**; AT E168729 T1 19980815; DE 69503528 D1 19980827; DE 69503528 T2 19990325; ES 2120138 T3 19981016; FR 2715411 A1 19950728; FR 2715411 B1 19960426

DOCDB simple family (application)

EP 95400120 A 19950120; AT 95400120 T 19950120; DE 69503528 T 19950120; ES 95400120 T 19950120; FR 9400712 A 19940124