

Title (en)

STARCH PARTICLES AND THE USE THEREOF IN THE WET-END OF PAPER AND CARDBOARD PREPARATION

Title (de)

STÄRKEPARTIKEL UND DEREN VERWENDUNG IN DER NASSPARTIE DER PAPIER- UND KARTONHERSTELLUNG

Title (fr)

PARTICULES D'AMIDON ET LEUR UTILISATION DANS LA PARTIE HUMIDE DU PAPIER ET LA PREPARATION DE CARTON

Publication

EP 1485535 A2 20041215 (EN)

Application

EP 03744329 A 20030217

Priority

- EP 0301553 W 20030217
- GB 0206420 A 20020319

Abstract (en)

[origin: WO03078732A2] The present invention relates to a process for preparing paper or cardboard by adding to the pulp of cellulosic fibres starch particles comprising starch and a coagulating agent wherein the particles have a particle size of from 20 to 200 microns and a thickness smaller than 5 microns. The productivity of the papermaking process and the quality of the obtainable paper are improved by using said starch particles.

IPC 1-7

D21H 11/00

IPC 8 full level

D21H 17/28 (2006.01); **D21H 21/52** (2006.01)

CPC (source: EP)

D21H 17/28 (2013.01); **D21H 21/52** (2013.01)

Citation (search report)

See references of WO 03078732A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT SE SI SK TR

DOCDB simple family (publication)

WO 03078732 A2 20030925; **WO 03078732 A3 20040408**; AU 2003210290 A1 20030929; AU 2003210290 A8 20030929; EP 1485535 A2 20041215; GB 0206420 D0 20020501

DOCDB simple family (application)

EP 0301553 W 20030217; AU 2003210290 A 20030217; EP 03744329 A 20030217; GB 0206420 A 20020319