

Title (en)

PROCESS OF MAKING SURFACE SIZED PAPER PRODUCTS AND SURFACE SIZING COMPOSITION FOR USE THEREIN

Title (de)

VERFAHREN ZUR HERSTELLUNG VON OBERFLÄCHENGELEIMTEN PAPIERPRODUKTEN, UND ZUSAMMENSETZUNG ZUR OBERFLÄCHENLEIMUNG

Title (fr)

PROCEDE DE FABRICATION DE PRODUITS DE PAPIER ENCOLLES EN SURFACE ET COMPOSITION D'ENCOLLAGE UTILISEE

Publication

EP 0954635 A1 19991110 (EN)

Application

EP 98905312 A 19980120

Priority

- DE 19702021 A 19970122
- EP 9800266 W 19980120

Abstract (en)

[origin: WO9832920A1] A process of making surface sized paper products, in which an aqueous, starch containing surface sizing composition is employed, and a corresponding aqueous, starch containing surface sizing composition are described. Besides starch at least one water soluble polymer and at least one water insoluble polymer are employed. Surprisingly a surface sizing is achieved by this combination which avoids the disadvantages of the use of a water soluble or a water insoluble polymer alone, but at the same time maintains the benefits of the use of water soluble or water insoluble polymer alone.

IPC 1-7

D21H 21/16

IPC 8 full level

D21H 19/12 (2006.01); **D21H 19/22** (2006.01); **D21H 21/16** (2006.01); **D21H 17/28** (2006.01); **D21H 17/34** (2006.01)

CPC (source: EP)

D21H 21/16 (2013.01); **D21H 17/28** (2013.01); **D21H 17/34** (2013.01)

Citation (search report)

See references of WO 9832920A1

Designated contracting state (EPC)

DE FR GR PT SE

DOCDB simple family (publication)

WO 9832920 A1 19980730; AU 6095098 A 19980818; CA 2277962 A1 19980730; EP 0954635 A1 19991110; JP 2001508507 A 20010626; ZA 98434 B 19980729

DOCDB simple family (application)

EP 9800266 W 19980120; AU 6095098 A 19980120; CA 2277962 A 19980120; EP 98905312 A 19980120; JP 53155298 A 19980120; ZA 98434 A 19980120