

Title (en)

PROCESS FOR THE PREPARATION OF CELLULOSE FIBRES

Title (de)

VERFAHREN ZUR HERSTELLUNG VON CELLULOSEFASERN

Title (fr)

PROCEDE POUR LA FABRICATION DE FIBRES DE CELLULOSE

Publication

EP 0731856 A1 19960918 (DE)

Application

EP 95922339 A 19950626

Priority

- AT 9500131 W 19950626
- AT 169994 A 19940905

Abstract (en)

[origin: US5601771A] The invention is concerned with a process for the production of cellulose fibres, wherein a solution of cellulose in an aqueous tertiary amine-oxide is extruded into filaments through spinning holes of a spinneret and the extruded filaments are conducted across an air gap into a substantially aqueous precipitation bath, characterized in that the extruded filaments, while being conducted across the air gap, are contacted with an aliphatic alcohol which is present exclusively in gaseous state. The process according to the invention produces cellulose fibres having a very reduced tendency to fibrillation.

IPC 1-7

D01F 2/00

IPC 8 full level

D01D 5/06 (2006.01); **D01D 5/088** (2006.01); **D01F 2/00** (2006.01)

CPC (source: EP US)

D01D 5/06 (2013.01 - EP US); **D01D 5/088** (2013.01 - EP US); **D01F 2/00** (2013.01 - EP US)

Citation (search report)

See references of WO 9607777A1

Cited by

DE10043297B4

Designated contracting state (EPC)

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

DOCDB simple family (publication)

US 5601771 A 19970211; AT 401393 B 19960826; AT A169994 A 19960115; AT E143423 T1 19961015; AU 2706595 A 19960327; AU 689268 B2 19980326; BR 9506354 A 19970916; CA 2175562 A1 19960314; CN 1039044 C 19980708; CN 1134733 A 19961030; DE 19580977 D2 19960926; DE 29514233 U1 19960111; DE 59500026 D1 19961128; EP 0731856 A1 19960918; EP 0731856 B1 19960925; ES 2092921 T3 19961201; FI 961901 A0 19960503; FI 961901 A 19960503; GB 2297055 A 19960724; GB 2297055 B 19971119; GB 9607016 D0 19960605; GR 3021174 T3 19961231; HK 1000326 A1 19980227; JP H09505118 A 19970520; MY 132079 A 20070928; NO 961794 D0 19960503; NO 961794 L 19960503; TR 199501001 A2 19960621; TW 279181 B 19960621; WO 9607777 A1 19960314; ZA 957069 B 19960415

DOCDB simple family (application)

US 46532095 A 19950605; AT 169994 A 19940905; AT 9500131 W 19950626; AT 95922339 T 19950626; AU 2706595 A 19950626; BR 9506354 A 19950626; CA 2175562 A 19950626; CN 95190848 A 19950626; DE 19580977 T 19950626; DE 29514233 U 19950905; DE 59500026 T 19950626; EP 95922339 A 19950626; ES 95922339 T 19950626; FI 961901 A 19960503; GB 9607016 A 19950626; GR 960402525 T 19960926; HK 97101887 A 19971006; JP 50902396 A 19950626; MY PI9502282 A 19950804; NO 961794 A 19960503; TR 9501001 A 19950815; TW 84107753 A 19950726; ZA 957069 A 19950823