

Title (en)

METHOD FOR THE PRODUCTION OF CELLULOSE FIBRES AND DEVICE FOR CARRYING OUT THE METHOD

Title (de)

VERFAHREN ZUR HERSTELLUNG CELLULOSISCHER FASERN SOWIE VORRICHTUNG ZUR DURCHFÜHRUNG DES VERFAHRENS

Title (fr)

PROCEDE ET DISPOSITIF DE PRODUCTION DE FIBRES DE CELLULOSE

Publication

EP 0811087 B1 19990120 (DE)

Application

EP 96942981 A 19961220

Priority

- AT 9600260 W 19961220
- AT 210795 A 19951227

Abstract (en)

[origin: WO9724476A1] The invention concerns a method of producing cellulose fibres, the method calling for a warm solution of cellulose in a tertiary-amine oxide to be spun into filaments which are passed across an air gap and then brought into contact with a precipitating agent in order to precipitate the cellulose, the filaments being drawn off by the action of a force which stretches them in the air gap. The force is exerted by the precipitating agent by virtue of the fact that the precipitating agent is allowed to flow in the direction in which the filaments are to be drawn off and brought into contact with the precipitating agent. The method is characterized in that, when the precipitating agent is brought into contact with the filaments, it is allowed to flow at a speed which is at least as great as the speed at which the filaments are drawn off. The invention also concerns a device for carrying out the method.

IPC 1-7

D01F 2/00; D01D 5/06; D01D 5/14; D04H 1/42; D04H 3/12

IPC 8 full level

D06M 11/00 (2006.01); **D01D 5/06** (2006.01); **D01D 5/14** (2006.01); **D01F 2/00** (2006.01); **D04H 1/42** (2006.01); **D04H 3/00** (2006.01); **D04H 3/10** (2006.01); **D04H 3/12** (2006.01); **D06M 13/02** (2006.01); **D06M 13/322** (2006.01); **D06M 13/388** (2006.01); **D06M 23/00** (2006.01)

CPC (source: EP)

D01D 5/06 (2013.01); **D01D 5/14** (2013.01); **D01F 2/00** (2013.01)

Designated contracting state (EPC)

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

DOCDB simple family (publication)

WO 9724476 A1 19970710; AT 402947 B 19970925; AT A210795 A 19970215; AT E176011 T1 19990215; AU 1185797 A 19970728; BR 9607047 A 19971230; CA 2213221 A1 19970710; CN 1181788 A 19980513; DE 59601184 D1 19990304; EP 0811087 A1 19971210; EP 0811087 B1 19990120; ES 2129992 T3 19990616; JP H11501371 A 19990202; NO 973763 D0 19970815; NO 973763 L 19970815

DOCDB simple family (application)

AT 9600260 W 19961220; AT 210795 A 19951227; AT 96942981 T 19961220; AU 1185797 A 19961220; BR 9607047 A 19961220; CA 2213221 A 19961220; CN 96193341 A 19961220; DE 59601184 T 19961220; EP 96942981 A 19961220; ES 96942981 T 19961220; JP 52391397 A 19961220; NO 973763 A 19970815