

Title (en)  
METHOD FOR PRODUCING CELLULOSE FIBRES

Title (de)  
VERFAHREN ZUR HERSTELLUNG CELLULOSISCHER FASERN

Title (fr)  
PROCEDE DE PRODUCTION DE FIBRES DE CELLULOSE

Publication  
**EP 0918894 B1 20030502 (DE)**

Application  
**EP 98927999 A 19980617**

Priority  
• AT 9800151 W 19980617  
• AT 105397 A 19970617

Abstract (en)  
[origin: WO9858103A1] The invention relates to a method for producing cellulose fibres of the lyocell type by processing a spinnable solution of cellulose in an aqueous tertiary amino oxide, by the dry/wet spinning method. The inventive method is characterized in that the solution used for spinning has between 0.05 and 0.70 % volume cellulose, in relation to the volume of the solution, with a molecular weight of at least  $5 \times 10^5$ . In this method, a spinneret can be used with over 10,000 spinning holes. These are so arranged that adjacent spinning holes are at most 3mm apart from each other, and that the linear density of the spinning holes is at least 20.

IPC 1-7  
**D01F 2/00**; **D01D 4/02**

IPC 8 full level  
**D01D 4/02** (2006.01); **D01F 2/00** (2006.01)

CPC (source: EP KR US)  
**D01D 4/02** (2013.01 - EP US); **D01F 2/00** (2013.01 - EP KR US)

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**WO 9858103 A1 19981223**; AT 405531 B 19990927; AT A105397 A 19990115; AT E239111 T1 20030515; AU 740994 B2 20011122; AU 8002598 A 19990104; BR 9806227 A 20000321; CA 2263183 A1 19981223; CA 2263183 C 20061010; CN 1111617 C 20030618; CN 1236403 A 19991124; DE 59808154 D1 20030605; EP 0918894 A1 19990602; EP 0918894 B1 20030502; ES 2198717 T3 20040201; HK 1023152 A1 20000901; ID 21230 A 19990506; JP 2000517009 A 20001219; JP 3849062 B2 20061122; KR 100517273 B1 20050927; KR 20000068155 A 20001125; MY 125882 A 20060830; NO 315949 B1 20031117; NO 990731 D0 19990217; NO 990731 L 19990217; PT 918894 E 20030829; SI 0918894 T1 20031031; TW 544476 B 20030801; US 6241927 B1 20010605; ZA 985246 B 19990108

DOCDB simple family (application)  
**AT 9800151 W 19980617**; AT 105397 A 19970617; AT 98927999 T 19980617; AU 8002598 A 19980617; BR 9806227 A 19980617; CA 2263183 A 19980617; CN 98801167 A 19980617; DE 59808154 T 19980617; EP 98927999 A 19980617; ES 98927999 T 19980617; HK 00102198 A 20000411; ID 990029 A 19980617; JP 50340099 A 19980617; KR 19997001238 A 19990212; MY PI9802694 A 19980616; NO 990731 A 19990217; PT 98927999 T 19980617; SI 9830464 T 19980617; TW 87109802 A 19980617; US 24432399 A 19990203; ZA 985246 A 19980617