

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 A1 19990602 (DE)**

Application  
**EP 98927999 A 19980617**

Priority  
• AT 9800151 W 19980617  
• AT 105397 A 19970617

Abstract (en)  
[origin: US6241927B1] The invention relates to a method of producing lyocell-type cellulose fibers by processing a spinnable solution of cellulose in an aqueous tertiary amine oxide according to the dry/wet-spinning process, which method is characterized in that a solution having a content of between 0.05% and 0.70% by mass, based on the mass of the solution, of cellulose with a molecular weight of at least  $5 \times 10^5$  is used for spinning. The method of the invention allows the use of a spinnerette having more than 10,000 spinning holes for the spinning operation, which holes are arranged in such a manner that neighboring spinning holes are spaced maximally 3 mm apart 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