

Title (en)
METHOD FOR SPINNING A SPINNING SOLUTION AND SPINNING HEAD

Title (de)
VERFAHREN ZUM VERSPINNEN EINER SPINNLOSUNG UND SPINNKOPF

Title (fr)
TETE DE FILAGE ET PROCEDE DE FILAGE D'UNE SOLUTION DE FILAGE

Publication
EP 1276922 A1 20030122 (DE)

Application
EP 01936252 A 20010419

Priority
• DE 10019660 A 20000420
• EP 0104467 W 20010419

Abstract (en)
[origin: US2003155673A1] The present invention relates to a spinning head (8) for spinning a spinning dope, which is provided with a tubular, thin-walled spinning capillary (7) having a discharge opening (94). The spinning dope used is e.g. a mixture of cellulose, tertiary amine oxide and water. In order to reduce the fibrillation tendency of the fibres spun by means of the spinning head and in order to increase the non-looping property, the present invention is so conceived that the spinning capillary (7) is heated directly close to the discharge cross-section (94). By means of this simple measure, it is possible to reduce the fibrillation tendency and to increase the non-looping property.

IPC 1-7
D01F 2/00; C08J 5/18; D01D 4/00; D01D 5/06

IPC 8 full level
C08J 5/18 (2006.01); **D01D 4/00** (2006.01); **D01D 5/06** (2006.01); **D01F 2/00** (2006.01)

CPC (source: EP KR US)
D01D 1/09 (2013.01 - EP KR US); **D01D 4/00** (2013.01 - EP KR US); **D01D 5/06** (2013.01 - EP KR US); **D01F 2/00** (2013.01 - EP KR US)

Citation (search report)
See references of WO 0181663A1

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

DOCDB simple family (publication)
US 2003155673 A1 20030821; AT E286160 T1 20050115; AU 6221101 A 20011107; BR 0110432 A 20030211; CA 2406765 A1 20021018; CA 2406765 C 20070109; CN 1232682 C 20051221; CN 1430684 A 20030716; DE 10019660 A1 20001026; DE 10019660 B4 20040429; DE 50104967 D1 20050203; EA 003589 B1 20030626; EA 200201118 A1 20030227; EP 1276922 A1 20030122; EP 1276922 B1 20041229; EP 1276922 B2 20080709; KR 100500279 B1 20050711; KR 20020093934 A 20021216; MY 128277 A 20070131; NO 20025047 D0 20021021; NO 20025047 L 20021204; NO 321686 B1 20060619; TW 565632 B 20031211; WO 0181663 A1 20011101; WO 0181663 A8 20020221; ZA 200209329 B 20040216

DOCDB simple family (application)
US 25805803 A 20030224; AT 01936252 T 20010419; AU 6221101 A 20010419; BR 0110432 A 20010419; CA 2406765 A 20010419; CN 01809820 A 20010419; DE 10019660 A 20000420; DE 50104967 T 20010419; EA 200201118 A 20010419; EP 0104467 W 20010419; EP 01936252 A 20010419; KR 20027014128 A 20021021; MY PI20011837 A 20010418; NO 20025047 A 20021021; TW 90109080 A 20010620; ZA 200209329 A 20021115