

Title (en)

METHOD AND DEVICE FOR PRODUCING CELLULOSIC MOULDED PARTS

Title (de)

VERFAHREN UND VORRICHTUNG ZUR HERSTELLUNG CELLULOSISCHER FORMKÖRPER

Title (fr)

PROCEDE ET DISPOSITIF POUR PRODUIRE DES CORPS MOULES CELLULOSIQUES

Publication

**EP 1100985 A1 20010523 (DE)**

Application

**EP 99923301 A 19990604**

Priority

- AT 9900141 W 19990604
- AT 129498 A 19980728

Abstract (en)

[origin: WO0006814A1] The invention relates to a method for producing a spunbonded nonwoven containing solvent-spun cellulosic fibres. Said method is characterized in that a cellulose solution in an aqueous tertiary amino-oxide is extruded through a nozzle (1) with spinning holes and the extruded filaments (3) are drawn in an air gap and transferred into a spinning bath (2). The filaments in the precipitating bath (2) are taken up by a first conveyor (5) on which a curtain of substantially parallel filaments of substantially uniform thickness is formed. Said filament curtain is transported by means of the first conveyor (5) from the spinning bath (2) onto a second conveyor (8) which is inclined downwards. On the second conveyor (8) the curtain is transported downwards onto a third conveyor (10) which evacuates the curtain at a speed which is lower than the speed of travel of the filament curtain transported downwards on the second conveyor.

IPC 1-7

**D01D 7/00**; **D04H 3/02**; **D01F 2/02**

IPC 8 full level

**D01D 5/06** (2006.01); **D01D 7/00** (2006.01); **D01F 2/00** (2006.01); **D04H 3/00** (2006.01); **D04H 3/015** (2012.01); **D04H 3/02** (2006.01); **D04H 3/05** (2006.01); **D04H 3/11** (2012.01)

CPC (source: EP US)

**D01D 7/00** (2013.01 - EP US); **D01F 2/00** (2013.01 - EP US); **D04H 3/013** (2013.01 - EP US); **D04H 3/02** (2013.01 - EP US); **D04H 3/11** (2013.01 - EP US)

Citation (search report)

See references of WO 0006814A1

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 0006814 A1 20000210**; AT 406386 B 20000425; AT A129498 A 19990915; AU 4022799 A 20000221; BR 9912570 A 20010502; CN 1149308 C 20040512; CN 1316026 A 20011003; EP 1100985 A1 20010523; ID 27213 A 20010308; JP 2002521585 A 20020716; TW 457307 B 20011001; US 2002046799 A1 20020425; US 6706224 B2 20040316

DOCDB simple family (application)

**AT 9900141 W 19990604**; AT 129498 A 19980728; AU 4022799 A 19990604; BR 9912570 A 19990604; CN 99810302 A 19990604; EP 99923301 A 19990604; ID 20010223 A 19990604; JP 2000562592 A 19990604; TW 88110920 A 19990625; US 76832401 A 20010124