

Title (en)
Method and apparatus for making a non woven spunbonded

Title (de)
Verfahren und Vorrichtung zur Herstellung eines Spinnvlieses

Title (fr)
Procédé et installation pour la fabrication d'un "spunbonded"

Publication
EP 0601277 B1 19960612 (DE)

Application
EP 93112915 A 19930812

Priority
DE 4241517 A 19921210

Abstract (en)
[origin: EP0601277A1] A method and apparatus for producing a textile fabric in which at least two melts of at least two polymer materials are converted to the shape of threads (2) with the aid of a spinning device, and in which the threads (2) are subsequently united and bonded. The spinning device consists of a spinning centrifuge (1), and the polymer materials have an electrical differential potential of at least 10 charge units. The two materials are melted on separately from one another and, because of a distributor device (3), each melt is fed in each case to a group of outlet apertures (4) of the spinning centrifuge (1) without having been mixed. The threads (2) emerging from the outlet apertures (4) are firstly stretched and united to form a common fabric, the fabric subsequently being charged triboelectrically by an aftertreatment process. <IMAGE>

IPC 1-7
D04H 3/16

IPC 8 full level
D01D 5/08 (2006.01); **D04H 1/4291** (2012.01); **D04H 1/43** (2012.01); **D04H 1/46** (2012.01); **D04H 1/498** (2012.01); **D04H 1/56** (2006.01); **D04H 3/007** (2012.01); **D04H 3/105** (2012.01); **D04H 3/16** (2006.01)

CPC (source: EP US)
D04H 1/4291 (2013.01 - EP US); **D04H 1/43** (2013.01 - EP US); **D04H 1/46** (2013.01 - EP US); **D04H 1/498** (2013.01 - EP US); **D04H 1/56** (2013.01 - EP US); **D04H 3/007** (2013.01 - EP US); **D04H 3/105** (2013.01 - EP US); **D04H 3/16** (2013.01 - EP US); **Y10S 55/05** (2013.01 - EP); **Y10S 55/39** (2013.01 - EP); **Y10S 264/48** (2013.01 - EP)

Designated contracting state (EPC)
DE ES FR GB IT NL SE

DOCDB simple family (publication)
EP 0601277 A1 19940615; **EP 0601277 B1 19960612**; DE 4241517 A1 19940616; DE 4241517 C2 19950921; DE 59302908 D1 19960718; ES 2090794 T3 19961016; JP 2596705 B2 19970402; JP H06207363 A 19940726; US 5445768 A 19950829

DOCDB simple family (application)
EP 93112915 A 19930812; DE 4241517 A 19921210; DE 59302908 T 19930812; ES 93112915 T 19930812; JP 30917193 A 19931209; US 16522993 A 19931210