

Title (en)

Process for making geotextiles with defined isotropy made of spunbond fibers

Title (de)

Verfahren zur Herstellung von Geotextilien mit definierter Isotropie aus schmelzgesponnenen Filamenten

Title (fr)

Procédé de fabrication d'un géotextile ayant une orientation définie avec des filaments spunbond

Publication

**EP 1424421 A1 20040602 (DE)**

Application

**EP 02026431 A 20021127**

Priority

EP 02026431 A 20021127

Abstract (en)

The melt-spun filaments are deposited in two or more layers. Guide sheets control the angle of filament deposition. They are placed essentially parallel in a first layer. A second layer is laid in the same manner, but in mirror-reversal. An Independent claim is included for the geotextile so prepared.

Abstract (de)

Die Erfindung betrifft ein Verfahren zur Herstellung von Geotextilien mit definierter einstellbarer Isotropie, insbesondere der mechanischen Eigenschaften in Längs- und Querrichtung.

IPC 1-7

**D04H 3/04**; **D04H 13/00**

IPC 8 full level

**D04H 3/007** (2012.01); **D04H 3/02** (2006.01); **D04H 3/04** (2012.01); **D04H 3/11** (2012.01); **D04H 13/00** (2006.01)

CPC (source: EP KR US)

**D04H 3/007** (2013.01 - EP US); **D04H 3/02** (2013.01 - EP US); **D04H 3/04** (2013.01 - EP KR US); **D04H 3/105** (2013.01 - KR); **D04H 3/11** (2013.01 - EP KR US); **D04H 13/00** (2013.01 - EP US)

Citation (search report)

- [X] US 5225018 A 19930706 - ZELDIN LEON M [US], et al
- [X] FR 2117812 A1 19720728 - RHODIACETA [FR]
- [A] US 5538682 A 19960723 - BORNMANN UWE DIPL ING [AT], et al
- [A] FR 2128216 A1 19721020 - RHODIACETA [FR]
- [A] US 4833758 A 19890530 - SANO TAKAO [JP], et al

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)

**EP 1424421 A1 20040602**; AU 2003288176 A1 20040618; BR 0316667 A 20051011; CA 2507601 A1 20040610; CN 1717513 A 20060104; DK 1585854 T3 20130624; EP 1585854 A1 20051019; EP 1585854 B1 20130522; ES 2410581 T3 20130702; JP 2006508262 A 20060309; KR 20050084687 A 20050826; PT 1585854 E 20130604; RU 2005120022 A 20060120; RU 2291237 C2 20070110; SI 1585854 T1 20130930; TR 200501976 T2 20070122; US 2006137808 A1 20060629; WO 2004048662 A1 20040610; ZA 200504980 B 20060830

DOCDB simple family (application)

**EP 02026431 A 20021127**; AU 2003288176 A 20031126; BR 0316667 A 20031126; CA 2507601 A 20031126; CN 200380104385 A 20031126; DK 03780063 T 20031126; EP 0313306 W 20031126; EP 03780063 A 20031126; ES 03780063 T 20031126; JP 2004554487 A 20031126; KR 20057009316 A 20050524; PT 03780063 T 20031126; RU 2005120022 A 20031126; SI 200332286 T 20031126; TR 200501976 T 20031126; US 53390905 A 20051205; ZA 200504980 A 20031126