

Title (en)

Process and device for making a nonwoven fabric

Title (de)

Verfahren und Vorrichtung zur Herstellung eines Spinnvlieses

Title (fr)

Procédé et dispositif pour la fabrication d'un non-tissé

Publication

EP 1726699 A1 20061129 (DE)

Application

EP 05011330 A 20050525

Priority

EP 05011330 A 20050525

Abstract (en)

Production of a spun fleece (1) from endless filaments comprises spinning filaments with natural ripples, depositing on a deposition device (4) and feeding the deposited filaments with the deposition device into a solidification device (6) in which the filaments are solidified with a fluid. An independent claim is also included for a device for producing a spun fleece. Preferred Features: Solidification is thermal solidification using a hot fluid. The filaments with the natural ripples are multiple component filaments with a side/side arrangement and/or a core/sleeve arrangement.

IPC 8 full level

D04H 3/12 (2006.01); **D04H 3/14** (2006.01); **D04H 3/147** (2012.01); **D04H 3/16** (2006.01)

CPC (source: EP)

D04H 3/12 (2013.01); **D04H 3/147** (2013.01); **D04H 3/16** (2013.01)

Citation (search report)

- [X] EP 0391260 A1 19901010 - CHISSO CORP [JP]
- [X] WO 0028123 A1 20000518 - KIMBERLY CLARK CO [US]
- [X] WO 02057525 A2 20020725 - KIMBERLY CLARK CO [US]
- [A] EP 0317646 A1 19890531 - KANEBO LTD [JP]

Cited by

EP3382080A1; EP1930492A1; WO2018177660A1

Designated contracting state (EPC)

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

Designated extension state (EPC)

AL BA HR LV MK YU

DOCDB simple family (publication)

EP 1726699 A1 20061129; CN 1869307 A 20061129; CN 1869307 B 20110622; DK 1726700 T3 20130506; ES 2406002 T3 20130604

DOCDB simple family (application)

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