

Title (en)

Method and apparatus for making a spunbonded nonwoven fabric

Title (de)

Verfahren und Vorrichtung zur Herstellung eines Spinnvlieses

Title (fr)

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

Publication

**EP 1930492 B1 20100929 (DE)**

Application

**EP 06025192 A 20061206**

Priority

EP 06025192 A 20061206

Abstract (en)

[origin: EP1930492A1] In a process to produce spun-bonded fleece from endless filaments, a proportion of the filaments are naturally crinkled or curled. The filaments are deposited on a moving conveyer that advances towards a bonding station. The bonding station consists of an overhead hot gas blower directed at the fleece fibres. The fibres are deposited essentially in parallel array in-line with the direction of travel. The filament curl is generated either before or after deposit on the conveyer. Further claimed is a commensurate fleece production and bonding unit.

IPC 8 full level

**D04H 3/11** (2012.01); **D04H 3/14** (2012.01); **D04H 3/16** (2006.01)

CPC (source: EP KR US)

**D04H 3/14** (2013.01 - EP US); **D04H 3/16** (2013.01 - EP KR US); **D04H 17/00** (2013.01 - KR)

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**EP 1930492 A1 20080611**; **EP 1930492 B1 20100929**; AR 064079 A1 20090311; AT E483052 T1 20101015; BR PI0704633 A 20080722; BR PI0704633 B1 20170502; CA 2612854 A1 20080606; CA 2612854 C 20110920; CN 101220543 A 20080716; CN 101220543 B 20110202; DE 502006007979 D1 20101111; DK 1930492 T3 20110110; ES 2352508 T3 20110221; IL 187752 A0 20080320; IL 187752 A 20110228; JP 2008144344 A 20080626; JP 4827827 B2 20111130; KR 101031801 B1 20110429; KR 20080052436 A 20080611; MX 2007015405 A 20081028; PL 1930492 T3 20110331; RU 2361974 C1 20090720; US 2009152757 A1 20090618; US 9453292 B2 20160927

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