

Title (en)
Apparatus for the continued production of a spunbonded web

Title (de)
Anlage zur kontinuierlichen Herstellung einer Spinnvliesbahn

Title (fr)
Appareil pour la fabrication en continu d'un voile de tissé-lié

Publication
EP 1340842 B2 20101208 (DE)

Application
EP 02004614 A 20020228

Priority
EP 02004614 A 20020228

Abstract (en)
[origin: EP1340842A1] A spun-bond web production apparatus comprises a spinneret for producing descending thermoplastic synthetic resin filaments; receiving device for receiving filaments; continuously movable collecting foraminous belt; and at least two mutually independently controllable suction zones beneath the belt for drawing air and including a primary suction zone at which a greater part of the filaments are drawn onto the belt. A spun-bond web production apparatus comprises a spinneret (1) for producing descending thermoplastic synthetic resin filaments; receiving device below the spinneret and receiving filaments for aerodynamically stretching the filaments; continuously movable collecting foraminous belt (7) displaceable longitudinally in a web-producing direction below the receiving device to produce a spun-bond web; and at least two mutually independently controllable suction zones (11) beneath the belt for drawing air through and in succession in the web-producing direction, and including a primary suction zone at which a greater part of the filaments are drawn onto the belt and at least one other suction zone.

IPC 8 full level
D01D 5/098 (2006.01); **D04H 3/033** (2012.01); **D04H 3/16** (2006.01)

CPC (source: EP KR US)
D01D 5/0985 (2013.01 - EP US); **D04H 3/033** (2013.01 - EP US); **D04H 3/16** (2013.01 - EP KR US)

Citation (opposition)
Opponent :
• EP 1225263 A2 20020724 - NORDSON CORP [US]
• DE 2406321 A1 19750821 - LUTRAVIL SPINNVLIEN [DE]

Cited by
EP2584076A1; EP1548167A1; EP3771762A1; EP2907909A1; CN104846556A; US7001567B2; DE102011119112A1; WO2008092749A1; US8992810B2

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