

Title (en)
Meltblown apparatus

Title (de)
Meltblown-Anlage

Title (fr)
Appareil de fusion-soufflage

Publication
EP 1340844 B1 20070926 (DE)

Application
EP 02004616 A 20020228

Priority
EP 02004616 A 20020228

Abstract (en)
[origin: EP1340844A1] Apparatus for making melt-blown products comprises a nozzle (1) which produces the filaments (3) and a moving wire (5) on which the product is laid down. The wire has a main section (8) below the nozzle and additional sections (6, 7, 9). Different amounts of vacuum can be applied to the sections.

IPC 8 full level
D01D 5/098 (2006.01); **D04H 3/16** (2006.01); **D04H 1/56** (2006.01)

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

Cited by
EP1548167A1; EP1939334A1; EP3771762A1; EP1930492A1; US7001567B2; US8591213B2; WO2008075176A1; WO2008092749A1; WO2020016296A1; US11976397B2

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
EP 1340844 A1 20030903; EP 1340844 B1 20070926; AR 038538 A1 20050119; AT E374268 T1 20071015; BR 0300319 A 20040908; BR 0300319 B1 20121225; CA 2420517 A1 20030828; CA 2420517 C 20060801; CN 1261232 C 20060628; CN 1440840 A 20030910; DE 50210973 D1 20071108; DK 1340844 T3 20071112; ES 2290209 T3 20080216; IL 154630 A0 20030917; IL 154630 A 20070617; JP 2004003079 A 20040108; JP 4229724 B2 20090225; KR 100897315 B1 20090514; KR 20030071544 A 20030903; MX PA03001671 A 20050307; MY 138472 A 20090630; SA 03240174 B1 20061125; US 2004009251 A1 20040115; US 7004738 B2 20060228

DOCDB simple family (application)
EP 02004616 A 20020228; AR P030100554 A 20030220; AT 02004616 T 20020228; BR 0300319 A 20030226; CA 2420517 A 20030227; CN 03106783 A 20030228; DE 50210973 T 20020228; DK 02004616 T 20020228; ES 02004616 T 20020228; IL 15463003 A 20030226; JP 2003050816 A 20030227; KR 20030012232 A 20030227; MX PA03001671 A 20030225; MY PI20030693 A 20030227; SA 03240174 A 20030629; US 37589403 A 20030227