

Title (en)

Nonwoven fabric of polypropylene fiber and process for making the same

Title (de)

Vliesstoff aus Polypropylen und Verfahren zur Herstellung

Title (fr)

Non tissé de polypropylène et procédé de fabrication

Publication

EP 1101854 A1 20010523 (EN)

Application

EP 00310313 A 20001121

Priority

JP 33179399 A 19991122

Abstract (en)

A nonwoven fabric 26 is formed by continuous fibers 15 of polypropylene having a fineness of 0.006 - 5.8 d, a birefringence of 0.019 - 0.030 and a tensile breaking extension of 100 - 300 %. <IMAGE>

IPC 1-7

D04H 3/10

IPC 8 full level

D04H 3/08 (2006.01); **D01D 5/08** (2006.01); **D01F 6/06** (2006.01); **D04H 3/007** (2012.01); **D04H 3/033** (2012.01); **D04H 3/11** (2012.01); **D04H 3/16** (2006.01)

CPC (source: EP KR)

D01F 6/06 (2013.01 - EP); **D04H 3/08** (2013.01 - KR); **D04H 3/11** (2013.01 - EP); **D04H 3/16** (2013.01 - EP)

Citation (search report)

- [A] US 4013816 A 19770322 - SABEE REINHARDT N, et al
- [A] EP 0503590 A1 19920916 - IDEMITSU PETROCHEMICAL CO [JP]
- [A] EP 0725174 A1 19960807 - CHISSO CORP [JP]
- [A] GB 1067576 A 19670503 - DU PONT
- [A] US 4818594 A 19890404 - ALBIEN KLAUS [DE], et al
- [PA] US 6013223 A 20000111 - SCHWARZ ECKHARD C A [US]
- [A] US 3969462 A 19760713 - STOFAN RICHARD H
- [A] US 5310514 A 19940510 - RUZEK IVO [DE], et al
- [A] US 4347206 A 19820831 - ROBERTS JOHN S

Cited by

EP1424425A1; AU2003289897B2; CN106715774A; US11598026B2; US9617658B2; US9309612B2; US10633774B2; US9840794B2; WO2004048667A1; WO2005052238A1; WO2008003847A3; US7744807B2; US9303334B2; FR2903426A1; JP2015183308A; WO2015171707A1

Designated contracting state (EPC)

DE FR GB IT NL SE

DOCDB simple family (publication)

EP 1101854 A1 20010523; EP 1101854 B1 20071107; AU 7173900 A 20010524; AU 765499 B2 20030918; BR 0005847 A 20010724; BR 0005847 B1 20111227; CA 2326263 A1 20010522; CA 2326263 C 20061205; CN 1237218 C 20060118; CN 1297075 A 20010530; DE 60036994 D1 20071220; DE 60036994 T2 20080828; ID 28425 A 20010524; JP 2001146670 A 20010529; JP 3662455 B2 20050622; KR 20010060339 A 20010706; SG 87192 A1 20020319; TW 487756 B 20020521

DOCDB simple family (application)

EP 00310313 A 20001121; AU 7173900 A 20001121; BR 0005847 A 20001122; CA 2326263 A 20001117; CN 00130952 A 20001122; DE 60036994 T 20001121; ID 20001009 D 20001122; JP 33179399 A 19991122; KR 20000068308 A 20001117; SG 200006800 A 20001122; TW 89124695 A 20001121