

Title (en)
POLYPROPYLENE FIBER AND PREPARATION THEREOF

Title (de)
POLYPROPYLENFASER UND VERFAHREN ZU SEINER HERSTELLUNG

Title (fr)
FIBRE DE POLYPROPYLENE ET SA PREPARATION

Publication
EP 1234065 A2 20020828 (EN)

Application
EP 00973247 A 20001107

Priority

- KR 0001270 W 20001107
- KR 19990049610 A 19991110
- KR 20000013319 A 20000316

Abstract (en)
[origin: WO0134884A2] Disclosed is a polypropylene fiber, which is obtained from an isotactic polypropylene homopolymer with an isotactic index of 90 to 99 % through melt-spinning or through drawing after melt-spinning, and shows two differential scanning calorimeter (DSC) endothermic peaks between 155 and 170 DEG C. When being thermally bonded with one another, the fibers are made into non-woven fabrics which have excellent strength in addition to being soft. A high quality of the non-woven fabrics can be produced in high speed carding machines with high yields.

IPC 1-7
D01F 6/06

IPC 8 full level
D01F 6/06 (2006.01)

CPC (source: EP)
D01F 6/06 (2013.01)

Designated contracting state (EPC)
FR NL

DOCDB simple family (publication)
WO 0134884 A2 20010517; WO 0134884 A3 20011018; AU 1177801 A 20010606; AU 768809 B2 20040108; BR 0010462 A 20030708; BR 0010462 B1 20110322; CA 2372453 A1 20010517; CA 2372453 C 20040608; CN 1174129 C 20041103; CN 1335901 A 20020213; DE 10084374 B4 20060406; DE 10084374 T1 20021107; DK 175963 B1 20050919; DK 200101392 A 20010925; EP 1234065 A2 20020828; EP 1234065 A4 20050615; EP 1234065 B1 20060322; ES 2237983 A1 20050801; ES 2237983 B1 20061101; GB 0121728 D0 20011031; GB 2365438 A 20020220; GB 2365438 B 20030716; LU 90849 B1 20020124; MX PA02001814 A 20020924; MY 120636 A 20051130

DOCDB simple family (application)
KR 0001270 W 20001107; AU 1177801 A 20001107; BR 0010462 A 20001107; CA 2372453 A 20001107; CN 00802468 A 20001107; DE 10084374 T 20001107; DK PA200101392 A 20010925; EP 00973247 A 20001107; ES 200250025 A 20001107; GB 0121728 A 20001107; LU 90849 A 20011010; MX PA02001814 A 20001107; MY PI20004879 A 20001018