

Title (en)

Spinning process for the preparation of high thermoweldability polyolefin fibers.

Title (de)

Spinnverfahren zur Herstellung von Polyolefinfasern mit hoher Wärmeverschweißbarkeit.

Title (fr)

Procédé de filage pour la fabrication de fibres de polyoléfinés ayant une haute soudabilité à chaud.

Publication

EP 0629720 A2 19941221 (EN)

Application

EP 94109406 A 19940617

Priority

- IT MI931308 A 19930617
- IT MI940390 A 19940304

Abstract (en)

Disclosed are polyolefin fibers, for the preparation of nonwoven fabrics, prepared by using dies having a real or equivalent output diameter of the holes greater than or equal to 0.5 mm, with the proviso that for fibers having a count greater than or equal to 4 dtex, the ratio of the said output hole diameter to the count is greater than or equal to 0.06 mm/dtex.

IPC 1-7

D01F 6/06; **D01F 6/30**; **D01F 6/46**; **D04H 1/54**

IPC 8 full level

D01F 6/04 (2006.01); **D01D 4/02** (2006.01); **D01D 5/08** (2006.01); **D01F 6/06** (2006.01); **D01F 6/30** (2006.01); **D01F 6/46** (2006.01); **D04H 1/54** (2012.01); **D04H 1/544** (2012.01)

CPC (source: EP KR)

D01D 5/08 (2013.01 - KR); **D01F 6/06** (2013.01 - EP KR); **D01F 6/30** (2013.01 - EP); **D01F 6/46** (2013.01 - EP); **D04H 1/54** (2013.01 - EP); **D04H 1/544** (2013.01 - EP)

Cited by

US5948334A; EP0905299A3; EP0878567A3; EP1383945A4; DE19722579A1; DE19722579B4; DE19720135A1; DE19720135B4; US6787066B2; WO2017186935A1; WO9906617A1; WO03044083A1; WO0231237A1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0629720 A2 19941221; **EP 0629720 A3 19950712**; **EP 0629720 B1 19980128**; AT E162860 T1 19980215; CA 2126013 A1 19941218; CA 2126013 C 20000815; CN 1069352 C 20010808; CN 1106867 A 19950816; DE 69408213 D1 19980305; DE 69408213 T2 19980709; DK 0629720 T3 19980923; ES 2113579 T3 19980501; FI 942889 A0 19940616; FI 942889 A 19941218; HK 1008435 A1 19990507; JP 2849042 B2 19990120; JP H07189021 A 19950725; KR 100199683 B1 19990615; KR 950000933 A 19950103; TW 270153 B 19960211

DOCDB simple family (application)

EP 94109406 A 19940617; AT 94109406 T 19940617; CA 2126013 A 19940616; CN 94107510 A 19940617; DE 69408213 T 19940617; DK 94109406 T 19940617; ES 94109406 T 19940617; FI 942889 A 19940616; HK 98109256 A 19980717; JP 15915694 A 19940617; KR 19940013636 A 19940616; TW 83105487 A 19940617