

Title (en)

MELT SPINNING OF A BLEND OF A FIBRE-FORMING POLYMER AND AN IMMISCIBLE POLYMER

Publication

EP 0154425 B1 19901003 (EN)

Application

EP 85300928 A 19850212

Priority

GB 8405694 A 19840305

Abstract (en)

[origin: EP0154425A2] A process of melt spinning a fibre-forming polymer having a high viscosity, more particularly polyethylene terephthalate having an intrinsic viscosity greater than 0.70 or nylon 66 having a relative viscosity greater than 45 and more preferably greater than 55, in which before melt spinning, there is added to the fibre-forming polymer between 0.1% and 10% by weight of another polymer which is immiscible in a melt of the fibre-forming polymer and which has an average particle size less than 3 microns in the melt immediately prior to spinning.

IPC 1-7

D01D 5/08; **D01D 5/28**; **D01F 6/90**; **D01F 6/92**

IPC 8 full level

D01F 6/66 (2006.01); **D01F 1/10** (2006.01); **D01F 6/62** (2006.01); **D01F 6/90** (2006.01); **D01F 6/92** (2006.01)

CPC (source: EP)

D01F 1/10 (2013.01); **D01F 6/90** (2013.01); **D01F 6/92** (2013.01)

Cited by

CN102618946A; EP2761068A4; EP0246752A3; AU615176B2; US6923925B2; US9359696B2; US6921803B2; WO2013048086A3; WO8808463A1; WO2004000938A1

Designated contracting state (EPC)

DE FR GB IT NL

DOCDB simple family (publication)

EP 0154425 A2 19850911; **EP 0154425 A3 19880727**; **EP 0154425 B1 19901003**; DE 3579926 D1 19901108; GB 8405694 D0 19840411; JP S60209015 A 19851021; JP S6360128 B2 19881122; ZA 851261 B 19851030

DOCDB simple family (application)

EP 85300928 A 19850212; DE 3579926 T 19850212; GB 8405694 A 19840305; JP 4356285 A 19850305; ZA 851261 A 19850219