

Title (en)

PROCESS FOR MELT-SPINNING A SPLITTABLE CONJUGATE FILAMENT; SELF-TEXTURING SPLITTABLE CONJUGATE FILAMENT; AND METHOD OF SPLITTING SUCH A FILAMENT

Publication

EP 0013186 B1 19831207 (EN)

Application

EP 79303081 A 19791231

Priority

US 84879 A 19790102

Abstract (en)

[origin: EP0065788A2] In spinning a conjugate filament, the orifice is in the form of a slot (20), and an interface (26) between two conjugated polymers flowing through the orifice extends transversely across the slot in at least two locations. The spun stream thus comprises a plurality of separate spun interfaces. Preferably the slot meanders back and forth across the interface (26). The spun stream is solidified, and may thereafter be separated into sub-filaments. The two polymers are for example nylon 66 and polyethylene terephthalate.

IPC 1-7

D01D 5/30; D01D 5/24

IPC 8 full level

D01F 8/04 (2006.01); **D01D 5/24** (2006.01); **D01D 5/30** (2006.01); **D01F 8/00** (2006.01); **D01F 8/14** (2006.01)

CPC (source: EP KR)

D01D 5/24 (2013.01 - EP); **D01D 5/30** (2013.01 - EP); **D01F 8/00** (2013.01 - KR)

Cited by

AU612918B2; EP0074446A1; FR2452535A1; US5093061A; EP0074445A1

Designated contracting state (EPC)

BE DE FR GB IT NL

DOCDB simple family (publication)

EP 0065788 A2 19821201; EP 0065788 A3 19841128; CA 1145907 A 19830510; DE 2966478 D1 19840112; EP 0013186 A1 19800709; EP 0013186 B1 19831207; JP S55128016 A 19801003; KR 830001428 A 19830430; KR 840001633 B1 19841012

DOCDB simple family (application)

EP 82105614 A 19791231; CA 342810 A 19791231; DE 2966478 T 19791231; EP 79303081 A 19791231; JP 17401479 A 19791228; KR 790004716 A 19791231