

Title (en)

A process for flash-spinning dry polymeric plexifilamentary film-fibril strands.

Title (de)

Verfahren zum Flash-Spinnen von trocknen polymeren Tauen aus plexifilamentaren Film-Fibrillen.

Title (fr)

Procédé pour le filage-éclair de torons de polymères secs à partir de film-fibrilles plexifilamentaires.

Publication

**EP 0357364 A2 19900307 (EN)**

Application

**EP 89308700 A 19890829**

Priority

- US 23863988 A 19880830
- US 37817789 A 19890714
- US 38209289 A 19890724

Abstract (en)

An improved process for flash-spinning plexifilamentary film-fibril strands from fiber-forming polyolefins is provided. A polyolefin is mixed to form a solution of 18 to 33 percent polyolefin by weight of the solution, 42 to 73 percent methylene chloride by weight of the solution and 9 to 25 percent carbon dioxide by weight of the solution. The mixture is then flash-spun into substantially dry plexifilamentary strands.

IPC 1-7

**D01D 5/11**; **D01F 6/04**

IPC 8 full level

**D01F 6/46** (2006.01); **D01D 5/11** (2006.01); **D01F 6/04** (2006.01); **D01F 6/06** (2006.01); **D01F 6/48** (2006.01)

CPC (source: EP KR US)

**D01D 5/11** (2013.01 - EP KR US); **D01D 5/42** (2013.01 - KR)

Cited by

CN114908478A; AU727152B2; US5286422A; US5369165A; EP0527019A3; US6291566B1; WO9621055A1; WO9214870A1; WO2023050554A1

Designated contracting state (EPC)

DE FR GB IT LU NL

DOCDB simple family (publication)

**EP 0357364 A2 19900307**; **EP 0357364 A3 19900328**; **EP 0357364 B1 19930728**; CA 1335917 C 19950613; KR 0132668 B1 19980416; KR 910003168 A 19910227

DOCDB simple family (application)

**EP 89308700 A 19890829**; CA 609843 A 19890830; KR 890012662 A 19890830