

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

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- 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

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IPC 8 full level

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CPC (source: EP KR US)

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Cited by

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

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