

Title (en)

Halocarbons for flash-spinning polymeric plexifilaments.

Title (de)

Halogenkohlenwasserstoffe für Flash-Spinnen von polymeren Plexifilamenten.

Title (fr)

Hydrocarbures halogénés pour le filage-éclair de plexifilaments de polymères.

Publication

EP 0361684 A1 19900404 (EN)

Application

EP 89308701 A 19890829

Priority

- US 23844288 A 19880830
- US 37929189 A 19890718

Abstract (en)

An improved process is provided for flash-spinning plexifilamentary film-fibril strands of fiber-forming polyolefin from a small group halocarbon liquids that, if released to the atmosphere, present a greatly reduced ozone depletion hazard, as compared to the halocarbon currently-used commercially for making the strands. The preferred halocarbon for this purpose is 1,1-dichloro-2,2,2-trifluoroethane.

IPC 1-7

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

IPC 8 full level

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CPC (source: EP KR)

D01D 5/11 (2013.01 - EP KR); **D01D 5/42** (2013.01 - KR); **D01F 6/04** (2013.01 - KR)

Citation (search report)

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- [AD] US 3081519 A 19630319
- [A] US 4528300 A 19850709 - PARK CHUNG P [US]
- [A] RESEARCH DISCLOSURE, no. 146, June 1976, pages 13,14, no. 14623; "Hydrogen-containing chlorofluorocarbons"
- [AD] CHEMICAL & ENGINEERING NEWS, 8th February 1988, pages 17-20, The New Yorker Magazine Inc.; P.S. ZURER: "Search intensifies for alternatives to ozone-depleting halocarbons"

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