

Title (en)

Spun-like yarn with variable denier filaments and process for making such a yarn.

Title (de)

Gespinnste-ähnliches Garn mit abwechselnde Denier aufweisenden Filamenten und Verfahren zur Herstellung dieses Garns.

Title (fr)

Fil ressemblant à un filé et contenant des filaments de denier variable, et procédé pour fabriquer ce fil.

Publication

**EP 0007725 A1 19800206 (EN)**

Application

**EP 79301304 A 19790706**

Priority

US 92293778 A 19780710

Abstract (en)

A yarn having variable denier filaments with thick (38) and thin (34) regions is drawn at a draw ratio selected to break filaments in the thin regions (34). This may be done while false-twist texturing. The resulting broken ends protrude from the yarn, giving a spun-like yarn.

IPC 1-7

**D02G 3/22; D02G 1/02**

IPC 8 full level

**D01D 5/20** (2006.01); **D01D 5/22** (2006.01); **D01D 5/253** (2006.01); **D01F 6/62** (2006.01); **D02G 1/02** (2006.01); **D02G 3/02** (2006.01); **D02G 3/22** (2006.01); **D02G 3/42** (2006.01)

CPC (source: EP)

**D01D 5/20** (2013.01); **D02G 1/024** (2013.01); **D02G 1/0246** (2013.01); **D02G 1/0286** (2013.01); **D02G 3/22** (2013.01)

Citation (search report)

- US 4059950 A 19771129 - NEGISHI TAKAO, et al
- US 4084622 A 19780418 - NAKAGAWA KIYOSHI, et al
- GB 971573 A 19640930 - BRITISH NYLON SPINNERS LTD
- US 4000960 A 19770104 - OGUCHI NOBORU, et al

Cited by

EP0067557A3; US4720314A; US4562029A

Designated contracting state (EPC)

BE CH DE FR GB IT NL

DOCDB simple family (publication)

**EP 0007725 A1 19800206; EP 0007725 B1 19840829; EP 0007725 B2 19881102;** AU 4877679 A 19800117; AU 528268 B2 19830421; CA 1108833 A 19810915; DE 2967197 D1 19841004; ES 482359 A1 19800401; IL 57811 A0 19791130; JP S5516990 A 19800206; JP S6330403 B2 19880617; ZA 793442 B 19801126

DOCDB simple family (application)

**EP 79301304 A 19790706;** AU 4877679 A 19790709; CA 331411 A 19790709; DE 2967197 T 19790706; ES 482359 A 19790710; IL 5781179 A 19790716; JP 8737579 A 19790709; ZA 793442 A 19790710