

Title (en)

CONTINUOUS SPIN-DRAW POLYESTER PROCESS

Publication

EP 0046815 B1 19860129 (EN)

Application

EP 80105143 A 19800829

Priority

EP 80105143 A 19800829

Abstract (en)

[origin: EP0046815A1] A low shrinkage, dimensionally stable, polyester industrial fiber is produced by a process which involves conditions of continuously spinning and drawing filaments wherein the filaments are passed through a steam impinging draw point localizing jet (25) at a temperature of about 460 DEG C. to 580 DEG C. to thereby heat the filaments substantially immediately above their second order transition temperature. The low shrinkage polyester fibers are particularly useful in the preparation of industrial products, including industrial belts, conveyor belts, and reinforced elastomeric structures.

IPC 1-7

D01D 5/08; **D01F 6/62**; **D01D 5/16**

IPC 8 full level

D01D 5/08 (2006.01); **D01D 5/16** (2006.01); **D01F 6/62** (2006.01)

CPC (source: EP)

D01D 5/08 (2013.01); **D01D 5/16** (2013.01); **D01F 6/62** (2013.01)

Citation (examination)

- US 4070432 A 19780124 - TAMADDON CYRUS
- GB 1395810 A 19750529 - ALLIED CHEM
- GB 1407111 A 19750924 - ALLIED CHEM

Cited by

US6079655A

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

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EP 80105143 A 19800829; DE 3071388 T 19800829