

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)

**EP 0046815 A1 19820310**; **EP 0046815 B1 19860129**; DE 3071388 D1 19860313

DOCDB simple family (application)

**EP 80105143 A 19800829**; DE 3071388 T 19800829