

Title (en)  
MELT SPINNING PROCESS TO PRODUCE FILAMENTS

Title (de)  
SCHMELZSPINNVERFAHREN FÜR FILAMENTE

Title (fr)  
PROCEDE DE FILATURE A CHAUD DE FILAMENTS

Publication  
**EP 0682720 B1 19980603 (DE)**

Application  
**EP 95900885 A 19941202**

Priority  
• CH 361093 A 19931203  
• IB 9400380 W 19941202

Abstract (en)  
[origin: WO9515409A1] Filament stress in a newly spun filament is reduced by avoiding or limiting air friction between the filament and the contiguous layer of air. This is done by producing an air stream that flows in the direction of travel of the thread at a speed which is the same or approximately the same as the surface speed of the filament. The air stream can be directed to the filament surface by means of a tube.

IPC 1-7  
**D01D 5/092**; **D01D 5/098**

IPC 8 full level  
**D01D 5/092** (2006.01); **D01D 5/098** (2006.01)

CPC (source: EP KR)  
**D01D 5/092** (2013.01 - EP KR); **D01D 5/098** (2013.01 - EP KR)

Cited by  
US6478996B1; US6716014B2; US6899836B2; WO0028117A1

Designated contracting state (EPC)  
CH DE GB IT LI

DOCDB simple family (publication)  
**WO 9515409 A1 19950608**; BR 9406246 A 19960109; CN 1119461 A 19960327; DE 59406138 D1 19980709; EP 0682720 A1 19951122; EP 0682720 B1 19980603; HK 1009718 A1 19990604; JP 4101869 B2 20080618; JP H08506393 A 19960709; KR 100344007 B1 20021130; KR 960703374 A 19960817; TW 268054 B 19960111

DOCDB simple family (application)  
**IB 9400380 W 19941202**; BR 9406246 A 19941202; CN 94191488 A 19941202; DE 59406138 T 19941202; EP 95900885 A 19941202; HK 98110538 A 19980908; JP 51551495 A 19941202; KR 19950703168 A 19950801; TW 83111172 A 19941201