

Title (en)

HEATING DEVICE AND PROCESS FOR THE PRODUCTION OF HIGH SPEED SPUN FILAMENTS

Publication

EP 0485824 A3 19930310 (DE)

Application

EP 91118683 A 19911101

Priority

DE 4036070 A 19901113

Abstract (en)

[origin: EP0485824A2] What is described is a heating device which is used especially in the spinning shaft during the production of partially, highly or completely oriented spun filaments. The heating device is characterised in that its interior cross-sectional surface decreases continuously at least in the lower part. By means of the spinning process carried out with the use of this heating device, filaments of high uniformity can be obtained.
<IMAGE>

IPC 1-7

D01D 5/092; **D01D 5/08**; **D01F 6/62**

IPC 8 full level

D01D 5/084 (2006.01); **D01D 5/08** (2006.01); **D01D 5/092** (2006.01); **D01F 6/62** (2006.01)

CPC (source: EP)

D01D 5/08 (2013.01); **D01D 5/092** (2013.01); **D01F 6/62** (2013.01)

Citation (search report)

- [X] DE 2115312 A1 19721019
- [A] US 3611485 A 19711012 - LEYBOURNE ALLEN E, et al
- [AD] DE 2445477 A1 19750327 - CELANESE CORP
- [A] PATENT ABSTRACTS OF JAPAN vol. 9, no. 293 (C-315)(2016) 20. November 1985 & JP-A-60 134 009 (TORAY) 17. Juli 1985

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

EP 0485824 A2 19920520; **EP 0485824 A3 19930310**; BR 9104898 A 19920623; DE 4036070 A1 19920514; JP H04263608 A 19920918; MX 9102012 A 19920708

DOCDB simple family (application)

EP 91118683 A 19911101; BR 9104898 A 19911112; DE 4036070 A 19901113; JP 29589591 A 19911112; MX 9102012 A 19911111