

Title (en)

PROCESS OF, APPARATUS FOR, AND FILAMENT GUIDE FOR, PRODUCING MELT-SPUN FILAMENTS

Publication

**EP 0050483 B1 19840125 (EN)**

Application

**EP 81304817 A 19811015**

Priority

- US 19929380 A 19801021
- US 19932180 A 19801021

Abstract (en)

[origin: EP0050483A1] In the melt-spinning of filaments, molten polymer is extruded downwardly through circularly arranged holes of a spinneret to form a circular group of filaments. Quench gas and finish liquid are directed outwardly through the filament group. In order to reduce vibration of the filaments as they pass from the spinneret to a lower guide, the filaments are passed through an upper guide which deflects the filaments inwardly towards the longitudinal axis defined by the filament group.

IPC 1-7

**D01D 5/092**; **D01D 11/04**

IPC 8 full level

**D01D 5/092** (2006.01); **D01D 11/04** (2006.01)

CPC (source: EP)

**D01D 5/092** (2013.01); **D01D 11/04** (2013.01)

Cited by

DE3822571A1; US5650112A; EP1275756A3; US5698151A; FR2611748A2; DE3629731A1; FR2587371A1; US6902384B2; EP1288349A1; US5939000A; US5951932A; US5657143A; US5589125A; US5798125A; US5968434A; DE3708168A1; US4990297A

Designated contracting state (EPC)

DE FR GB IT NL

DOCDB simple family (publication)

**EP 0050483 A1 19820428**; **EP 0050483 B1 19840125**; DE 3162048 D1 19840301

DOCDB simple family (application)

**EP 81304817 A 19811015**; DE 3162048 T 19811015