

Title (en)

Apparatus for the production of fibres from thermoplastic material

Title (de)

Vorrichtung zur Erzeugung von Fasern aus thermoplastischem Kunststoff

Title (fr)

Dispositif pour la fabrication de fibres en matière thermoplastique

Publication

EP 1420089 B1 20051221 (DE)

Application

EP 02025772 A 20021116

Priority

EP 02025772 A 20021116

Abstract (en)

[origin: EP1420089A1] The spinneret as a melt-blow jet head (1), for melt spinning thermoplastic filaments, has at least one channel (3) for the molten flow. The jet (2) has at least one row of jet channels (5) with outflow openings (6) at the outflow end (4). Drillings (10) are at the jet outflow end, each with a shaped body (11) in a positive fit, to form a jet channel between the body and the drilling. Flow channels (7) for compressed air are aligned at the jet outlet.

IPC 1-7

D01D 4/02; **D01D 5/098**

IPC 8 full level

D01D 4/02 (2006.01); **D01D 5/098** (2006.01)

CPC (source: EP US)

D01D 4/025 (2013.01 - EP US); **D01D 5/0985** (2013.01 - EP US)

Cited by

WO2006037371A1; EP2145695A1

Designated contracting state (EPC)

DE FR IT

DOCDB simple family (publication)

EP 1420089 A1 20040519; **EP 1420089 B1 20051221**; CN 100336947 C 20070912; CN 1500920 A 20040602; DE 50205368 D1 20060126; US 2004131713 A1 20040708; US 7070403 B2 20060704

DOCDB simple family (application)

EP 02025772 A 20021116; CN 03108212 A 20030325; DE 50205368 T 20021116; US 71279603 A 20031113