

Title (en)

Apparatus and method of producing synthetic yarns

Title (de)

Vorrichtung und Verfahren zur Herstellung synthetischer Garne

Title (fr)

Dispositif et procédé pour la production de fils synthétiques

Publication

EP 2020456 A1 20090204 (EN)

Application

EP 07425479 A 20070730

Priority

EP 07425479 A 20070730

Abstract (en)

In an apparatus (1) for the production of a non-woven fabric of filaments, a plurality of filaments (5) are extruded from at least one spinneret (2), and are cooled in a cooling chamber (4) by at least one flow of air. Advantageously, the cooling chamber (4) is provided with at least one wall (12) opening to make available to the filaments (5) an alternative path that allows the side disposal of the filaments (5) of discarded products during the transitory starting period of the apparatus (1). The filaments laterally diverted are collected in containers or collection areas by means of adjustable draught units.

IPC 8 full level

B65H 54/88 (2006.01); **D01D 5/02** (2006.01); **D01D 5/098** (2006.01)

CPC (source: EP)

B65H 54/88 (2013.01); **D01D 5/02** (2013.01); **D01D 5/098** (2013.01); **B65H 2701/3132** (2013.01)

Citation (applicant)

- DE 10117087 A1 20011011 - BARMAG BARMER MASCHF [DE]
- GB 1134991 A 19681127 - DU PONT

Citation (search report)

- [XA] DE 10117087 A1 20011011 - BARMAG BARMER MASCHF [DE]
- [X] GB 1134991 A 19681127 - DU PONT
- [X] US 3807270 A 19740430 - WIRZ A
- [A] US 2667964 A 19540202 - EDWIN MILLER CLARENCE

Designated contracting state (EPC)

DE IT

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

EP 2020456 A1 20090204; EP 2020456 B1 20110615

DOCDB simple family (application)

EP 07425479 A 20070730