

Title (en)

Spinning shaft with a perforated part near the spinneret.

Title (de)

Spinnschacht mit perforierter Teillänge in Düsen­nähe.

Title (fr)

Cheminée de filage contenant une partie perforée près de la filière.

Publication

EP 0217097 A2 19870408 (DE)

Application

EP 86111492 A 19860819

Priority

- DE 3531265 A 19850831
- DE 3533381 A 19850919

Abstract (en)

[origin: US4743186A] A melt spinning apparatus is disclosed which includes a spinning nozzle for extruding a plurality of filaments from a polymeric melt, and which includes a spinning tube positioned below the nozzle for receiving the filaments. The upper end portion of the spinning tube is perforated, and an air blowing chamber surrounds the perforated upper end portion of the tube for supplying cooling air, and so that the air passes through the perforations to cool the filaments. The interior of the perforated end portion of the spinning tube also mounts a plurality of annular rings which are disposed in an axially spaced apart relation along the length of the end portion, for guiding the cooling air so as to flow in a generally radial direction into contact with the extruded filaments.

Abstract (de)

Eine Spinnanlage für Chemiefasern umfaßt einen perforierten Spinnschacht (3), durch den Luft von außen nach innen in ein frischgesponnenes Faserbündel geblasen wird. Im Inneren des Spinn­schachtes sind mehrere Ringe mit axialem Abstand angeordnet. Diese Ringe lassen im Inneren des Spinn­schachtes lediglich einen Querschnitt frei, der im wesentlichen dem Querschnitt des Faserbündels entspricht.

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