

Title (en)

CONTROL OF FLASH SPINNING CELL ATMOSPHERE TEMPERATURE.

Title (de)

TEMPERATURKONTROLLE IN DER FLASH-SPINNZELLENATMOSPHERE.

Title (fr)

REGLAGE DE LA TEMPERATURE ATMOSPHERIQUE DANS UNE CELLULE DE FILAGE PAR PROJECTION.

Publication

EP 0474632 B1 19950503 (EN)

Application

EP 89911188 A 19890601

Priority

US 8902191 W 19890601

Abstract (en)

[origin: WO9015173A1] A flash spinning process is disclosed wherein a polymer/solvent composition is sprayed from one or more dies onto a moving support (3) within a spin cell (15). The temperature within the spin cell is controlled by spraying solvent into the spin cell atmosphere whereby evaporation of the solvent reduces the temperature within the spin cell. The improvement is that the spin cell temperature is accurately controlled to within 48 DEG to 52 DEG C as required to enhance visual properties of the spun sheet and to maximize spin pack life.

IPC 1-7

D01D 5/11

IPC 8 full level

D01D 5/11 (2006.01); **D01F 6/04** (2006.01); **D04H 1/72** (2006.01)

CPC (source: EP)

D01D 5/11 (2013.01)

Designated contracting state (EPC)

GB LU

DOCDB simple family (publication)

WO 9015173 A1 19901213; EP 0474632 A1 19920318; EP 0474632 A4 19930127; EP 0474632 B1 19950503; JP H04506384 A 19921105

DOCDB simple family (application)

US 8902191 W 19890601; EP 89911188 A 19890601; JP 51043089 A 19890601