

Title (en)
PLANT FOR PRODUCING NON-WOVEN FABRIC

Title (de)
ANLAGE ZUR HERSTELLUNG VON VLIESTOFF

Title (fr)
USINE DE PRODUCTION DE NON-TISSÉS

Publication
EP 3715518 B1 20240110 (EN)

Application
EP 20164754 A 20200322

Priority
IT 201900004767 A 20190329

Abstract (en)
[origin: EP3715518A1] Plant for producing non-woven fabric, comprising a support structure (2) provided with a main channel (3) extended along a vertical axis (Y), a cooling station (8), which comprises a containment body (11) which is extended around the vertical axis (Y) delimiting a cooling chamber (12) within the main channel (3), cooling means in fluid connection with the cooling chamber (12) and adapted to introduce, into the cooling chamber (12), a first air flow (10) for cooling the filaments (7) susceptible of crossing the cooling chamber (12), and the containment body (11) comprises at least one movable portion (14) on the support structure (2); the plant also comprises actuator means (13) arranged for moving the movable portion (14) between a closed configuration, in which the containment body (11) perimetrically closes the cooling chamber (12) at least around the vertical axis (Y), and an open configuration, in which the at least one movable portion (14) defines at least one access opening (22) which connects the cooling chamber (12) to an outside environment.

IPC 8 full level
D04H 3/02 (2006.01); **D01D 5/088** (2006.01); **D01D 5/092** (2006.01); **D01D 13/00** (2006.01)

CPC (source: EP)
D01D 5/0985 (2013.01); **D01D 13/02** (2013.01); **D04H 3/02** (2013.01); **D01D 5/088** (2013.01)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 3715518 A1 20200930; EP 3715518 B1 20240110; IT 201900004767 A1 20200929

DOCDB simple family (application)
EP 20164754 A 20200322; IT 201900004767 A 20190329