

Title (en)

AIR-LAYING DEVICE

Title (de)

LUFTLEGEEINRICHTUNG

Title (fr)

DISPOSITIF DE FORMATION PAR FLUX D'AIR

Publication

EP 4222310 A1 20230809 (DE)

Application

EP 21782701 A 20210922

Priority

- DE 102020125404 A 20200929
- EP 2021076003 W 20210922

Abstract (en)

[origin: WO2022069305A1] The invention relates to an air-laying device (1) for producing a fibre mat at least partially from wood pulp fibres and/or cellulose fibres, comprising an annular distributor (2) having a fibre feed (10), an annular channel with an outlet element (3) forming a portion of the annular channel, this portion being arranged inside a calming channel (4) extending downwards in the direction towards a forming fabric (5), and the outlet element (3) having openings through which the fibres fed by the fibre feed (10) exit from the annular channel into the calming channel (4) and can move to the forming fabric in order to form the fibre mat on the forming fabric (5).

IPC 8 full level

D21F 9/00 (2006.01)

CPC (source: EP US)

D04H 1/26 (2013.01 - US); **D04H 1/28** (2013.01 - US); **D04H 1/732** (2013.01 - US); **D21F 9/00** (2013.01 - EP)

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

Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

DE 102020125404 A1 20220331; CN 116324087 A 20230623; EP 4222310 A1 20230809; US 2023235493 A1 20230727;
WO 2022069305 A1 20220407

DOCDB simple family (application)

DE 102020125404 A 20200929; CN 202180066435 A 20210922; EP 2021076003 W 20210922; EP 21782701 A 20210922;
US 202318127854 A 20230329