

Title (en)

MACHINE AND METHOD FOR PRODUCING A FIBROUS WEB

Title (de)

MASCHINE UND VERFAHREN ZUR HERSTELLUNG EINER FASERSTOFFBAHN

Title (fr)

MACHINE ET PROCÉDÉ DE FABRICATION D'UNE BANDE DE MATIÈRE FIBREUSE

Publication

EP 3856975 A1 20210804 (DE)

Application

EP 19742197 A 20190718

Priority

- DE 102018123390 A 20180924
- EP 2019069328 W 20190718

Abstract (en)

[origin: WO2020064167A1] The invention relates to a machine (1) for producing a fibrous web (2), in particular a tissue web, with at least one pressing device (6) which comprises a pressing element (7) and a counter-element (8) with a closed surface for forming a pressure nip (9), and with a water-absorbing belt (3) with a web side (4) and an opposite pressing element side (5) which can be guided together with the fibrous web (2) through the pressure nip (9) in such a way that the fibrous web (2) is separated at the end of the pressure nip from the web side (4) of the water-absorbing belt (3) and runs further with the counter-element (8). The machine (1) according to the invention is characterized in that the water-absorbing belt (3) comprises at least a first ply (15) and a second ply (16), and in that, as viewed in the thickness direction of the water-absorbing belt (3), the belt (3) has a layer (18) on the half which faces the pressing element (7), which layer (18) has a higher specific throughflow resistance than the first ply (15) and/or the second ply (16).

IPC 8 full level

D21F 7/08 (2006.01); **D21F 9/00** (2006.01); **D21F 11/14** (2006.01)

CPC (source: EP US)

D21F 3/029 (2013.01 - US); **D21F 7/083** (2013.01 - EP US); **D21F 9/00** (2013.01 - EP); **D21F 11/14** (2013.01 - EP US); **D21H 27/002** (2013.01 - US)

Citation (search report)

See references of WO 2020064167A1

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

DOCDB simple family (publication)

DE 102018123390 A1 20200326; CN 112752882 A 20210504; CN 112752882 B 20230505; EP 3856975 A1 20210804; US 11613848 B2 20230328; US 2022049425 A1 20220217; WO 2020064167 A1 20200402

DOCDB simple family (application)

DE 102018123390 A 20180924; CN 201980062343 A 20190718; EP 19742197 A 20190718; EP 2019069328 W 20190718; US 201917279191 A 20190718