

Title (en)

SHEET MANUFACTURING DEVICE, SHEET, AND SHEET MANUFACTURING METHOD

Title (de)

BLATTHERSTELLUNGSVORRICHTUNG, BLATT UND BLATTHERSTELLUNGSVERFAHREN

Title (fr)

DISPOSITIF DE FABRICATION DE FEUILLE, FEUILLE, ET PROCÉDÉ DE FABRICATION DE FEUILLE

Publication

EP 3604655 A4 20210106 (EN)

Application

EP 18771207 A 20180313

Priority

- JP 2017055337 A 20170322
- JP 2018009668 W 20180313

Abstract (en)

[origin: EP3604655A1] When a sheet is manufactured, a basis weight distribution in the sheet is appropriately controlled. A sheet manufacturing apparatus includes a drum unit 61 having a plurality of openings 61a, a web forming unit that has a deposition surface 72a, on which material containing fibers that has passed through the openings 61a is deposited, and forms a second web W2 on the deposition surface 72a, a sheet forming unit that processes the second web W2 and forms a sheet, and a control unit that controls a basis weight of the second web W2 deposited on the deposition surface 72a in a direction crossing a transport direction of the second web W2.

IPC 8 full level

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CPC (source: EP US)

B27N 1/029 (2013.01 - EP); **B27N 3/04** (2013.01 - EP); **B27N 3/14** (2013.01 - EP); **B27N 3/146** (2013.01 - EP); **B27N 3/18** (2013.01 - EP); **D04H 1/60** (2013.01 - EP); **D04H 1/732** (2013.01 - EP); **D04H 1/736** (2013.01 - EP); **D21F 1/48** (2013.01 - US); **D21F 1/74** (2013.01 - US); **D21F 2/00** (2013.01 - US); **D21F 7/06** (2013.01 - EP US); **D21G 9/0027** (2013.01 - EP US); **D21B 1/06** (2013.01 - EP)

Citation (search report)

- [X] WO 9841685 A1 19980924 - VALMET CORP [FI]
- [X] US 6303001 B1 20011016 - GROSSMANN UDO [DE], et al
- [X] WO 9832579 A1 19980730 - BPB PLC [GB], et al
- See references of WO 2018173849A1

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CN114040651A

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 3604655 A1 20200205; **EP 3604655 A4 20210106**; CN 110446809 A 20191112; JP 2018159140 A 20181011; JP 7035325 B2 20220315; TW 201835419 A 20181001; TW I692565 B 20200501; US 2020131705 A1 20200430; WO 2018173849 A1 20180927

DOCDB simple family (application)

EP 18771207 A 20180313; CN 201880019177 A 20180313; JP 2017055337 A 20170322; JP 2018009668 W 20180313; TW 107109017 A 20180316; US 201816495920 A 20180313