

Title (en)
DEVICE AND METHOD FOR PRODUCING A MULTIPLE-LAYER FIBROUS WEB

Title (de)
VORRICHTUNG UND VERFAHREN ZUR HERSTELLUNG EINER MEHRLAGIGEN FASERSTOFFBAHN

Title (fr)
DISPOSITIF ET PROCÉDÉ DE FABRICATION D'UNE BANDE DE MATIÈRE FIBREUSE MULTICOUCHE

Publication
EP 3433420 A1 20190130 (DE)

Application
EP 17712495 A 20170321

Priority

- DE 102016204969 A 20160324
- DE 102016217726 A 20160916
- DE 102016218100 A 20160921
- DE 102016218101 A 20160921
- EP 2017056721 W 20170321

Abstract (en)
[origin: WO2017162685A1] The invention relates to a device (1) for producing a multiple-layer fibrous web having a wire section (6), a pressing section (7) and a drying section (8), wherein the wire section (6) comprises a first forming unit (2) for forming a first layer (9) of the fibrous web (11) and a second forming unit (3) for forming a second layer (10) of the fibrous web (11), and the forming units (2, 3) are configured and arranged with respect to one another in such a way that the second layer is transferred onto the first layer in a couching zone (37) in order to configure the multiple-layer fibrous web, and wherein the pressing section (7) comprises at least two last press nips (12, 13), wherein the two last press nips (12, 13) are formed by way of a first pressing element (15) and a second pressing element (16) and a common counter-element (18) with a smooth surface for calendering one side of the multiple-layer fibrous web (11). The device (1) according to the invention is characterized in that a transfer belt (20) is provided for direct taking over of the multiple-layer fibrous web (11) from the first forming unit (2) and for further transporting of the multiple-layer fibrous web (11), in that a press belt (19) is arranged for direct taking over of the multiple-layer fibrous web (11) from the transfer belt (20), and in that the multiple-layer fibrous web (11) is guided together with the press belt (19) through the penultimate press nip (12) in such a way that the second layer (10) of the multiple-layer fibrous web (11) comes into contact with the smooth surface of the counter-element (18).

IPC 8 full level
D21F 2/00 (2006.01); **D21F 3/04** (2006.01); **D21F 9/00** (2006.01); **D21F 11/04** (2006.01)

CPC (source: EP)
D21F 2/00 (2013.01); **D21F 3/04** (2013.01); **D21F 9/006** (2013.01); **D21F 11/04** (2013.01)

Citation (search report)
See references of WO 2017162685A1

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)
WO 2017162685 A1 20170928; CN 108884633 A 20181123; CN 108884633 B 20210402; EP 3433420 A1 20190130; EP 3433420 B1 20191225

DOCDB simple family (application)
EP 2017056721 W 20170321; CN 201780018567 A 20170321; EP 17712495 A 20170321