

Title (en)

METHOD AND DEVICE FOR TREATING A FIBROUS MATERIAL WEB IN A LONG NIP PRESSING UNIT

Title (de)

VERFAHREN UND VORRICHTUNG ZUM BEHANDELN EINER FASERSTOFFBAHN IN EINER LANGNIP-PRESSEINHEIT

Title (fr)

PROCÉDÉ ET DISPOSITIF POUR TRAITER UNE BANDE DE MATIÈRE FIBREUSE DANS UN ENSEMBLE DE PRESSE À LONGUE ZONE DE PRESSION

Publication

**EP 3717694 B1 20210623 (DE)**

Application

**EP 19707727 A 20190219**

Priority

- AT 501772018 A 20180301
- EP 2019054041 W 20190219

Abstract (en)

[origin: WO2019166271A1] The present invention relates to a method for treating a fibrous material web (1) in a paper- or tissue-making machine (2) with a long nip pressing unit (3). This long nip pressing unit (3) consists of a shoe press roll (4) with a rotating press shell (5) and a counter roll (6), wherein the fibrous material web (1) is dewatered in the extended press nip (7) between the counter roll (6) and the press shell (5), and wherein the fibrous material web (1), after the extended press nip (7), is guided over the rotating press shell (5) of the press roll (4) to a transfer clothing (9), which receives the fibrous material web (1). In accordance with the invention the transfer clothing (9) is guided via a fixed transfer device (10) in the transfer region (8). The invention further relates to a corresponding device for treating the fibrous material web (1).

IPC 8 full level

**D21F 1/52** (2006.01); **D21F 2/00** (2006.01); **D21F 3/02** (2006.01); **D21F 3/04** (2006.01); **D21F 11/00** (2006.01); **D21F 11/14** (2006.01)

CPC (source: AT EP US)

**D21F 1/52** (2013.01 - EP); **D21F 2/00** (2013.01 - EP); **D21F 3/0218** (2013.01 - AT EP); **D21F 3/0227** (2013.01 - US); **D21F 3/045** (2013.01 - AT EP US); **D21F 7/12** (2013.01 - US); **D21F 11/00** (2013.01 - AT); **D21F 11/006** (2013.01 - EP); **D21F 11/14** (2013.01 - EP US); **D21H 27/002** (2013.01 - US); **F26B 13/24** (2013.01 - US); **F26B 13/24** (2013.01 - AT)

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)

**WO 2019166271 A1 20190906**; AT 520319 A4 20190315; AT 520319 B1 20190315; BR 112020013630 A2 20210112; CA 3091525 A1 20190906; CA 3091525 C 20230912; CN 111868327 A 20201030; CN 111868327 B 20221104; EP 3717694 A1 20201007; EP 3717694 B1 20210623; ES 2883776 T3 20211209; MX 2020008840 A 20201005; PL 3717694 T3 20211115; US 11414816 B2 20220816; US 2021087746 A1 20210325

DOCDB simple family (application)

**EP 2019054041 W 20190219**; AT 501772018 A 20180301; BR 112020013630 A 20190219; CA 3091525 A 20190219; CN 201980016446 A 20190219; EP 19707727 A 20190219; ES 19707727 T 20190219; MX 2020008840 A 20190219; PL 19707727 T 20190219; US 201916971766 A 20190219