

Title (en)

METHOD FOR RETROFITTING AND OPERATING A DEVICE FOR PRODUCING A NON-WOVEN FABRIC

Title (de)

VERFAHREN ZUM UMRÜSTEN UND BETREIBEN EINER VORRICHTUNG ZUM HERSTELLEN VON VLIESTOFF

Title (fr)

PROCÉDÉ DE CONVERSION ET D'UTILISATION D'UN DISPOSITIF DE FABRICATION DE TISSU NON-TISSÉ

Publication

EP 3017104 B1 20200304 (DE)

Application

EP 14731241 A 20140617

Priority

- DE 102013213079 A 20130704
- EP 2014062621 W 20140617

Abstract (en)

[origin: WO2015000687A1] The invention relates to a method for retrofitting a device for producing a non-woven fabric, said device comprising a former for forming a non-woven fabric, suction pipes and/or suction boxes for dewatering the non-woven fabric and a drying device, said method comprising the following steps: - removing all the suction pipes and/or suction boxes arranged upstream of the drying device, and - installing a belt press between the former and the drying device, the belt press comprising a roller, around which are wrapped at least one inner belt adjoining the roller and an outer press belt, wherein a non-woven material web resulting from the non-woven fabric formed in the former can be arranged, and preferably are arranged, at least in the region of the roller between the inner belt and the outer press belt, wherein the press belt can be pressed, and preferably is pressed, against the roller with a belt tension of at least 15 kN/m. A method for operating the device which is retrofitted according to the above-mentioned method, comprises the steps of: - forming a non-woven fabric in the former, - further dewatering of the non-woven fabric material web resulting from the non-woven fabric in the belt press, and - guiding the non-woven fabric material web through the drying device.

IPC 8 full level

D04H 1/425 (2012.01); **D04H 1/49** (2012.01); **D04H 3/11** (2012.01); **D04H 18/04** (2012.01); **D21F 3/02** (2006.01); **D21F 9/00** (2006.01); **D21F 11/14** (2006.01)

CPC (source: EP)

D04H 1/425 (2013.01); **D04H 1/49** (2013.01); **D04H 3/11** (2013.01); **D04H 18/04** (2013.01); **D21F 3/0209** (2013.01); **D21F 3/0272** (2013.01); **D21F 3/0281** (2013.01); **D21F 9/00** (2013.01); **D21F 11/14** (2013.01)

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 2015000687 A1 20150108; CN 105408539 A 20160316; CN 105408539 B 20190712; EP 3017104 A1 20160511; EP 3017104 B1 20200304

DOCDB simple family (application)

EP 2014062621 W 20140617; CN 201480042662 A 20140617; EP 14731241 A 20140617