

Title (en)

METHOD FOR OPERATING A PAPER MACHINE, AND PAPER MACHINE

Title (de)

VERFAHREN ZUM BETREIBEN EINER PAPIERMASCHINE SOWIE PAPIERMASCHINE

Title (fr)

PROCÉDÉ POUR FAIRE FONCTIONNER UNE MACHINE À PAPIER ET MACHINE À PAPIER

Publication

EP 3359732 B1 20190522 (DE)

Application

EP 16774905 A 20160926

Priority

- DE 102015219379 A 20151007
- EP 2016072834 W 20160926

Abstract (en)

[origin: WO2017060110A1] The invention relates to a method for operating a paper machine (10) for producing paper, paperboard or cardboard, comprising a conveyor device (16) by means of which at least one fibrous material web (14) produced from a fibre suspension is conveyed in a conveyor direction, at least one drying region (20) in which the fibrous material web (14) which is conveyed through said drying region (20) is dried using at least one drying cylinder (26) to which a first medium for drying the fibrous material web (14) is supplied, and at least one smoothing cylinder (28) which connects to said drying cylinder (26) in the conveyor direction and by means of which said fibrous material web (14) is smoothed on at least one side, wherein a second medium is fed to the smoothing cylinder (28) for the purpose of heating said smoothing cylinder (28), and the first medium is conducted away from the drying cylinder (26) and is supplied, as a source of heat, to a heat pump (34) by means of which the second medium is heated.

IPC 8 full level

D21F 5/04 (2006.01); **D21F 5/18** (2006.01); **D21F 5/20** (2006.01); **D21G 1/02** (2006.01)

CPC (source: EP)

D21F 5/04 (2013.01); **D21F 5/181** (2013.01); **D21F 5/182** (2013.01); **D21F 5/20** (2013.01); **D21G 1/0253** (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 2017060110 A1 20170413; BR 112018007014 A2 20181016; BR 112018007014 B1 20220628; BR 112018007014 B8 20230425; CN 108138442 A 20180608; CN 108138442 B 20201020; DE 102015219379 A1 20170413; EP 3359732 A1 20180815; EP 3359732 B1 20190522; ES 2743078 T3 20200218

DOCDB simple family (application)

EP 2016072834 W 20160926; BR 112018007014 A 20160926; CN 201680058160 A 20160926; DE 102015219379 A 20151007; EP 16774905 A 20160926; ES 16774905 T 20160926