

Title (en)

A PAPER MAKING MACHINE FOR MAKING TISSUE PAPER AND A METHOD OF OPERATING A PAPER MAKING MACHINE

Title (de)

PAPIERHERSTELLUNGSMASCHINE ZUR HERSTELLUNG VON TISSUEPAPIER UND VERFAHREN ZUM BETRIEB EINER PAPIERMASCHINE

Title (fr)

MACHINE À PAPIER POUR FABRIQUER DU PAPIER DE SOIE ET PROCÉDÉ D'EXPLOITATION D'UNE MACHINE À PAPIER

Publication

EP 2737125 B1 20160302 (EN)

Application

EP 12818302 A 20120726

Priority

- SE 1150723 A 20110728
- SE 2012050848 W 20120726

Abstract (en)

[origin: WO2013015739A1] The invention relates to a paper making machine for making tissue paper. The machine comprises a former (2) and a press (11) with a first press member (12) and a second press member (13) arranged to form a dewatering nip (PN) with the first press member (12). A felt (7) is arranged to pass through the dewatering nip (PN). A drying cylinder (14) is arranged to form a transfer nip (TN) with the first press member (12) and a belt (15) forming a loop around the first press member (12) such that the belt (15) passes through the dewatering nip (PN) and the transfer nip (TN). The first press member (12) is an extended nip roll that has a flexible jacket (17) that forms a loop and a flexible support body (18) within the loop of the flexible jacket (17). The flexible support body (18) can be caused to press the flexible jacket (17) radially outwards and the flexible support body (18) is placed opposite the drying cylinder (14) such that the flexible support body (18) can press the flexible jacket (17) towards the drying cylinder (14) to close the transfer nip (TN). The paper machine also comprises a mechanical stop arranged to halt a closing movement of the first press member (12). The invention also relates to a method of operating the machine.

IPC 8 full level

D21F 11/14 (2006.01); **D21F 3/02** (2006.01); **D21F 3/04** (2006.01); **D21F 9/02** (2006.01); **D21F 11/00** (2006.01)

CPC (source: EP SE)

D21F 3/0218 (2013.01 - EP); **D21F 3/0281** (2013.01 - EP SE); **D21F 3/045** (2013.01 - EP SE); **D21F 9/02** (2013.01 - SE); **D21F 11/006** (2013.01 - EP SE); **D21F 11/14** (2013.01 - EP SE)

Cited by

WO2018114467A1; US10808359B2

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 2013015739 A1 20130131; CN 103890264 A 20140625; CN 103890264 B 20160302; EP 2737125 A1 20140604; EP 2737125 A4 20150429; EP 2737125 B1 20160302; PL 2737125 T3 20161130; SE 1150723 A1 20130129; SE 536201 C2 20130625

DOCDB simple family (application)

SE 2012050848 W 20120726; CN 201280046455 A 20120726; EP 12818302 A 20120726; PL 12818302 T 20120726; SE 1150723 A 20110728