

Title (en)
METHOD FOR PRODUCING FIBER WEBS

Title (de)
VERFAHREN ZUR HERSTELLUNG VON FASERBAHNEN

Title (fr)
PROCÉDÉ DE PRODUCTION DE BANDES DE MATERIAU FIBREUX

Publication
EP 3231936 B1 20231011 (EN)

Application
EP 16164657 A 20160411

Priority
EP 16164657 A 20160411

Abstract (en)
[origin: EP3231936A1] The invention relates to a method for producing a fiber web (W), in which method furnish is fed from at least one head box to at least one forming section for forming the furnish to the fiber web, the fiber web is pressed in a press section, the fiber web is dried in at least one drying section, the fiber web is calendered in at least one calender (15) and reeled in a reel-up. In drying of a fiber web (W) thermal energy of the fiber web (W) is utilized such that difference of partial steam pressures of the fiber web (W) and the ambient air is created by providing dry gas blows on at least one surface of the fiber web whereby thermal energy of the fiber web is utilized for evaporation of moisture from the fiber web. The invention also relates to a production line for producing fiber webs comprising at least one head box, which can be a two or three layer head box, forming means for each layer or layer combination of the fiber web (W), a press section with at least one press nip, at least one drying section, at least one calender, a reel-up. Length of the fiber web run between the at least one calender (15) and the previous drying or cooling cylinder, before it is 7 - 20 m, advantageously 10 - 15 m.

IPC 8 full level
D21F 5/00 (2006.01); **D21F 9/00** (2006.01); **D21G 1/00** (2006.01)

CPC (source: CN EP)
D21F 5/00 (2013.01 - EP); **D21F 5/18** (2013.01 - CN); **D21F 9/00** (2013.01 - CN EP); **D21G 1/00** (2013.01 - EP); **D21G 1/0093** (2013.01 - EP)

Cited by
EP4230793A1

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)
EP 3231936 A1 20171018; EP 3231936 B1 20231011; CN 107287966 A 20171024

DOCDB simple family (application)
EP 16164657 A 20160411; CN 201710231865 A 20170411