

Title (en)

DEVICE FOR THE PRODUCTION OF A FIBROUS WEB

Title (de)

VORRICHTUNG ZUR HERSTELLUNG EINER FASERSTOFFBAHN

Title (fr)

DISPOSITIF DE FABRICATION D'UNE BANDE DE MATIÈRE FIBREUSE

Publication

EP 3384083 B1 20190626 (DE)

Application

EP 16784943 A 20161025

Priority

- DE 102015223663 A 20151130
- EP 2016075621 W 20161025

Abstract (en)

[origin: WO2017092932A1] A device for producing a fibrous web, in particular a web of packaging paper, comprises a headbox, a screen section for dewatering a fibrous suspension introduced via the headbox and forming a fibrous web from the fibrous suspension, a press section for further dewatering the fibrous web, and a drying section for drying the fibrous web. The headbox has a three-layer design and includes a separation blade that protrudes from the headbox nozzle. Furthermore, starch introducing means are provided via which starch can be introduced into at least one layer. The screen section comprises a single-layer gap former. The press section includes at least one press nip, in particular at least one shoe press nip, which is extended in the direction of travel of the web.

IPC 8 full level

D21F 1/02 (2006.01); **D21F 3/02** (2006.01); **D21F 3/04** (2006.01); **D21F 3/08** (2006.01); **D21F 5/04** (2006.01); **D21F 5/18** (2006.01); **D21F 9/00** (2006.01); **D21F 11/04** (2006.01)

CPC (source: EP)

D21F 1/028 (2013.01); **D21F 3/0218** (2013.01); **D21F 3/045** (2013.01); **D21F 3/08** (2013.01); **D21F 5/04** (2013.01); **D21F 5/042** (2013.01); **D21F 5/044** (2013.01); **D21F 5/18** (2013.01); **D21F 9/006** (2013.01); **D21F 11/04** (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)

DE 102015223663 A1 20170601; CN 108291366 A 20180717; CN 108291366 B 20201020; EP 3384083 A1 20181010; EP 3384083 B1 20190626; WO 2017092932 A1 20170608

DOCDB simple family (application)

DE 102015223663 A 20151130; CN 201680068172 A 20161025; EP 16784943 A 20161025; EP 2016075621 W 20161025