

Title (en)

HEADBOX FOR A MACHINE FOR PRODUCING A FIBER WEB

Title (de)

STOFFAUFLAUF FÜR EINE MASCHINE ZUR HERSTELLUNG EINER FASERSTOFFBAHN

Title (fr)

TÊTE DE CAISSE POUR UNE MACHINE SERVANT À FABRIQUER UNE BANDE DE MATÉRIAU FIBREUX

Publication

**EP 2446083 B1 20130724 (DE)**

Application

**EP 10718128 A 20100426**

Priority

- EP 2010055521 W 20100426
- DE 102009027079 A 20090622

Abstract (en)

[origin: WO2010149413A2] The invention relates to a headbox (1) for a machine for producing a fiber web (2), particularly a paper, cardboard, or tissue web, from at least one fibrous suspension (3), having a headbox nozzle (8) comprising an upper nozzle wall (4) and a lower nozzle wall (5) and two side walls (6), said headbox being tapered to form an outlet (9), and having an inner chamber (7), through which the fibrous suspension (3) flows in a flow direction (S) during the operation of the headbox (1). On the upper nozzle wall (4) of the headbox nozzle (8), a baffle (11) is arranged on the outlet side, which is slidable by way of several elements (10), and which extends across the machine width (B). Said baffle is provided with a baffle protrusion (A) and a baffle immersion depth (T), and has at least two surfaces touched by a fibrous suspension (3), an upstream stopping surface (12), and a subsequent main surface (13) during operation of the headbox (1). The headbox (1) according to the invention is characterized in that, between the stopping surface (12) of the baffle (11) and the main surface (13) of the baffle (11), at least one refraction surface (17) touched by the fibrous suspension (3) during the operation of the headbox (1) is provided on the baffle (11).

IPC 8 full level

**D21F 1/02** (2006.01)

CPC (source: EP US)

**D21F 1/02** (2013.01 - EP US); **D21F 1/028** (2013.01 - EP US)

Designated contracting state (EPC)

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 SE SI SK SM TR

DOCDB simple family (publication)

**DE 102009027079 A1 20101223**; CN 102428228 A 20120425; EP 2446083 A2 20120502; EP 2446083 B1 20130724; US 2012138251 A1 20120607; WO 2010149413 A2 20101229; WO 2010149413 A3 20110224

DOCDB simple family (application)

**DE 102009027079 A 20090622**; CN 201080021493 A 20100426; EP 10718128 A 20100426; EP 2010055521 W 20100426; US 201113314793 A 20111208