

Title (en)

Inclined screen former of a machine for producing a sheet of fibrous material from at least one fibrous suspension

Title (de)

Schrägsiebformer einer Maschine zur Herstellung einer Faserstoffbahn aus mindestens einer Faserstoffsuspension

Title (fr)

Dispositif de moulage à tamis oblique d'une machine destinée à la fabrication d'une bande de matière fibreuse à partir d'au moins une suspension de matière fibreuse

Publication

EP 2096207 B1 20101208 (DE)

Application

EP 09153689 A 20090226

Priority

DE 102008000435 A 20080228

Abstract (en)

[origin: EP2096207A1] The former (1) has a dehydration element (11) arranged in a lower side of a screen (4) and dehydrating a fiber suspension (3) applied on an upper side of the screen. A suction former roller (20) downstream to the dehydration element is arranged in a screen loop (5) of the screen. The former roller has a suction zone (Z20.1) subjected with a controllable/regulatable low pressure and a roller diameter in a range of 1.000 to 1.400 millimeters. The suction zone is completely or partially covered by an upper lip (22) that is curved and arranged at a front wall (10) of a headbox (9).

IPC 8 full level

D21F 9/02 (2006.01); **D21F 1/48** (2006.01)

CPC (source: EP)

D21F 1/48 (2013.01); **D21F 9/02** (2013.01)

Cited by

EP4328376A1; EP3118361A1; CN106350944A; EP4067548B1

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 TR

DOCDB simple family (publication)

EP 2096207 A1 20090902; **EP 2096207 B1 20101208**; AT E491066 T1 20101215; DE 102008000435 A1 20090903; DE 502009000221 D1 20110120

DOCDB simple family (application)

EP 09153689 A 20090226; AT 09153689 T 20090226; DE 102008000435 A 20080228; DE 502009000221 T 20090226