

Title (en)

Headbox for machine for producing a fibrous web, in particular of a paper or cardboard web

Title (de)

Stoffauflauf für eine Maschine zur Herstellung einer Faserstoffbahn, insbesondere einer Papier- oder Kartonbahn

Title (fr)

Caisse de tête pour machine de fabrication d'une bande fibreuse, une bande de papier ou de carton

Publication

**EP 1676950 B1 20080319 (DE)**

Application

**EP 05112196 A 20051215**

Priority

DE 102004000069 A 20041230

Abstract (en)

[origin: EP1676950A1] A headbox for machines for making fibrous sheet, especially paper or cardboard, in which the fluid feed lines open (preferably directly) into the top, bottom and/or front of the upstream part of the intermediate compartment, which is also sub-divided by flow dividers across the machine width so as to form a first (upstream) intermediate compartment with flow channels. A headbox (1) for a machine for the production of fibrous sheet, especially paper or cardboard, with at least one distributor (2) for distributing a pulp suspension (3) over the width of the machine (MB), a guiding device (4) with numerous channels (5), another guiding device (6) with channels (7), an intermediate compartment (8) between, a headbox nozzle (9) connected to (6) and provided with an outlet gap (10) delivering a stream of pulp suspension (11), and several feed lines (12) for a fluid to be added (13), which are distributed over MB. The fluid feed lines (12) preferably open directly into the top, bottom and/or front of the upstream part (14) of compartment (8), which is also sub-divided over at least part of its length by several flow dividers (15) spread over the machine width (MB) and forming flow channels (16) so as to form at least one first (upstream) intermediate compartment (17). An independent claim is also included for a machine for the production of fibrous sheet, especially paper and/or cardboard, with a headbox (1) as described.

IPC 8 full level

**D21F 1/02** (2006.01)

CPC (source: EP)

**D21F 1/02** (2013.01); **D21F 1/022** (2013.01); **D21F 1/026** (2013.01)

Cited by

CN102216520A; CN102216521A; CN102947504A; WO2011160865A3

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**EP 1676950 A1 20060705; EP 1676950 B1 20080319**; AT E389743 T1 20080415; DE 102004000069 A1 20060713; DE 502005003297 D1 20080430

DOCDB simple family (application)

**EP 05112196 A 20051215**; AT 05112196 T 20051215; DE 102004000069 A 20041230; DE 502005003297 T 20051215