

Title (en)

Multi-layer headbox

Title (de)

Mehrschichten-Stoffauflauf

Title (fr)

Caisse de tête à plusieurs couches

Publication

EP 0711869 B1 20020327 (DE)

Application

EP 95117555 A 19951108

Priority

DE 4440079 A 19941110

Abstract (en)

[origin: EP0711869A2] A multilayer breast box is for feeding at least two machine-wide pulp suspension currents to the forming section of a paper machine. It has a nozzle chamber defined by two current guide walls (1), which end at a machine-wide discharge gap, and by two side walls. The nozzle chamber contains at least one lamella (2) with the function of a partitioning which keeps the fibre suspension currents apart from each other in the discharge gap section. The lamella (2) comprises a main section, preferably made of carbon fibre-reinforced plastics, and a tip made of a rigid material. The tip takes the form of a strip which has a sharp edge and is integrated into the main section.

IPC 1-7

D21F 1/02; D21F 1/00; D21F 11/04

IPC 8 full level

D21F 1/00 (2006.01); **D21F 1/02** (2006.01); **D21F 9/00** (2006.01); **D21F 11/04** (2006.01)

CPC (source: EP US)

D21F 1/02 (2013.01 - EP US); **D21F 1/028** (2013.01 - EP US); **D21F 9/006** (2013.01 - EP US); **Y10S 162/10** (2013.01 - EP); **Y10S 162/11** (2013.01 - EP)

Cited by

EP1798337A4; AT406171B; EP1365067A1; CN114555882A; US7785446B2; WO2021063556A1; EP0939842B2

Designated contracting state (EPC)

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EP 0711869 A2 19960515; **EP 0711869 A3 19970416**; **EP 0711869 B1 20020327**; AT E215144 T1 20020415; DE 4440079 A1 19960523; DE 4440079 C2 19971002; DE 59510123 D1 20020502; US 5645689 A 19970708

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