

Title (en)

Multi-layer headbox

Title (de)

Mehrschichten-Stoffauflauf

Title (fr)

Caisse de tête à plusieurs couches

Publication

**EP 0681057 B1 20020828 (DE)**

Application

**EP 95106390 A 19950427**

Priority

DE 4415053 A 19940429

Abstract (en)

[origin: EP0681057A2] A multilayer pulp dispenser, part of a machine producing multi-layer fibrous material, esp. paper web, comprises (1) at least two suspension current levels (I, II, III) each with suspension feed (1.1, 1.2, 1.3); (2) for each level a section with means in the current for micro-turbulence prodn., where the turbulence producers discharge into a nozzle (4) with machine-wide exit gap (8); and (3) at least one lamella (5, 5.1, 5.2) in the nozzle to maintain sepn. of neighbouring streams till they reach the exit. The lamella is formed as a pliable plate from the turbulence generators (3) region to the exit and has downstream end of max. thickness, S, 0.3 mm. <IMAGE>

IPC 1-7

**D21F 1/00**; **D21F 1/02**

IPC 8 full level

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

Cited by

AT406171B; DE19962709A1; DE102018120162A1; DE10051802A1; EP1199403A3; DE202009013111U1; US6761801B2; WO9851856A1; EP2098635A2; DE102008000564A1

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