

Title (en)

Headbox of a machine for manufacturing a fibrous web

Title (de)

Stoffauflauf einer Maschine zur Herstellung einer Faserstoffbahn

Title (fr)

Caisse de tête d'une machine pour fabriquer une bande fibreuse

Publication

EP 1659214 B1 20070815 (DE)

Application

EP 05110803 A 20051116

Priority

DE 102004000051 A 20041119

Abstract (en)

[origin: EP1659214A1] A papermaking assembly has a headbox that discharges a fibrous suspension through a horizontal array of tubes, each with a dilutant inlet, to an intermediate passage to a horizontal stacked array of rectangular passages. Each horizontal row of passages discharges to a single horizontal converging passage, each defined by a blade (10). One or more of the blades has a surface profile (13). The profile prevents or minimises mixing between the dilute (3) fluid fraction emerging from the vortex generator (5). The profile extends roughly the entire length of the blade as seen in the direction of flow.

IPC 8 full level

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

CPC (source: EP)

D21F 1/02 (2013.01); **D21F 1/024** (2013.01); **D21F 1/028** (2013.01)

Cited by

EP1987329A4; EP1734178A1; EP1881106A1

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