

Title (en)

Headbox of a machine for manufacturing a fibrous web, in particular a paper or board web

Title (de)

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

Title (fr)

Caisse de tête d'une machine pour fabriquer une bande fibreuse, en particulier une bande de papier ou de carton

Publication

EP 1659210 A1 20060524 (DE)

Application

EP 05110887 A 20051117

Priority

DE 102004000052 A 20041119

Abstract (en)

A papermaking assembly has a head box that discharges to a dilution zone (14) to a flow guidance zone (12) incorporating structures (13) that direct the fibrous suspension in the correct direction of travel. The structures also reduce vortices within the respective sector. The flow guidance zone is horizontally sub-divided into a number of passages forming an extension from the mixer chamber.

IPC 8 full level

D21F 1/00 (2006.01); **D21F 1/02** (2006.01); **D21F 1/08** (2006.01)

CPC (source: EP)

D21F 1/02 (2013.01); **D21F 1/08** (2013.01)

Citation (search report)

- [XY] DE 10106538 A1 20020822 - VOITH PAPER PATENT GMBH [DE]
- [Y] EP 0708201 A1 19960424 - VOITH SULZER PAPIERMASCH GMBH [DE]
- [A] DE 10217514 A1 20031106 - VOITH PAPER PATENT GMBH [DE]
- [A] GB 1213137 A 19701118 - BELOIT CORP [US]

Designated contracting state (EPC)

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