

Title (en)

Formation system of a machine for manufacturing a fibrous web

Title (de)

Blattbildungssystem einer Maschine zur Herstellung einer Faserstoffbahn

Title (fr)

Système de formation d'une machine pour fabriquer une bande fibreuse

Publication

**EP 1659211 A3 20060531 (DE)**

Application

**EP 05110889 A 20051117**

Priority

DE 102004000054 A 20041123

Abstract (en)

[origin: EP1659211A2] Double screen former for a machine for producing a fibrous web comprises a headbox (2) equipped with a turbulator (3) and an outlet nozzle (4) that is subdivided by several lamellae (18) and has a restrictor at the tip. The ratio of the length of the lamellae to the length of the nozzle is at least 0.5 and the ratio of the depth of immersion of the restrictor to the nozzle slit width is at least 1 and the pulp stream from the nozzle has a free jet length (between nozzle and screen) of 300 mm or less.

IPC 8 full level

**D21F 1/00** (2006.01)

CPC (source: EP)

**D21F 9/003** (2013.01)

Citation (search report)

- [A] EP 0603142 A1 19940622 - VALMET PAPER MACHINERY INC [FI]
- [A] US 5201999 A 19930413 - FIELD RODERIC [GB], et al
- [A] DE 4005420 A1 19910829 - VOITH GMBH J M [DE]

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WO2007017208A1

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

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**EP 1659211 A2 20060524; EP 1659211 A3 20060531; EP 1659211 B1 20071003**; AT E374858 T1 20071015; DE 102004000054 A1 20060524; DE 502005001614 D1 20071115

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