

Title (en)

Headbox for machine for producing 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 pour machine pour fabriquer une bande de matière fibreuse, notamment une bande de papier ou de carton

Publication

EP 1653000 A1 20060503 (DE)

Application

EP 05106001 A 20050701

Priority

DE 102004038541 A 20040806

Abstract (en)

The stock inlet (1), at a machine to produce a paper or cardboard web (2), has a jet outlet (4) at right angles to the machine running line and across the machine width. An upper arm (9) and two center units (10,11) between it and a lower arm (8) and preferably carriers (12) form a turbulence generator (13). The lower jet wall (5) is rigidly bonded to the lower arm of the central component group (7) and is also connected to a lateral carrier (16) under the center group, through a number of carriers (15) distributed across the machine width, which are pliable or can bend easily.

IPC 8 full level

D21F 1/02 (2006.01)

CPC (source: EP)

D21F 1/02 (2013.01); **D21F 1/026** (2013.01)

Citation (search report)

- [X] DE 10060328 C1 20011220 - PAMA PAPIERMASCHINEN GMBH [DE]
- [AD] EP 0997578 A1 20000503 - VOITH SULZER PAPIERTECH PATENT [DE]
- [A] US 4455197 A 19840619 - CROTEAU DENIS [CA], et al

Cited by

CN102812181A; US10981294B2; DE102009045166A1; US10272399B2; US10646837B2; US11173629B2; US11224990B2

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