

Title (en)
Headbox

Title (de)
Stoffauflauf

Title (fr)
Caisse de tête

Publication
EP 1061174 A3 20010321 (DE)

Application
EP 00107661 A 20000410

Priority
DE 19926804 A 19990612

Abstract (en)
[origin: EP1061174A2] The stock inlet, for a papermaking or cardboard prodn. machine, has a number of channels arranged in rows and columns across the machine width, with at least one flexible blade (7a) between rows. Blade supports (6a,6b) for the blades (7a) are after the blade clamping points (10a), in the suspension flow direction. The blade supports (6a,6b) are at the webs between two neighboring horizontal rows of channels, with at least three supports (6a,6b) across the width of the stock inlet. The blade supports (6a,6b) have a curvature at their zones (8) facing the blades (7a), with an identical curvature at the zones (9) away from the blades. The blades (7a) are totally supported (6a,6b) at the initial zone from the clamping points (10a), in the flow direction. All the blade supports (6a,6b) have the same curvature, or the supports for one row of channels have a greater curvature than those for the lower row of channels. The blade supports (6a,6b) are in one piece with the webs, or they are mounted to the webs. Blade supports (6a,6b) are fitted to the webs where there are blank spaces, to maintain the suspension flow conditions. The blades (7a) are at a vertical gap of 2 mm from their supports (6a,6b) at the clamping points.

IPC 1-7
D21F 1/02

IPC 8 full level
D21F 1/02 (2006.01)

CPC (source: EP US)
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Citation (search report)
[A] US 5013406 A 19910507 - HERGERT RICHARD R [US]

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