

Title (en)
Headbox.

Title (de)
Stoffauflaufkasten.

Title (fr)
Caisse de tête.

Publication
EP 0364242 A2 19900418 (EN)

Application
EP 89310400 A 19891011

Priority
CA 579854 A 19881012

Abstract (en)
A headbox comprising an inlet chamber (16) communicating with a source of fiber suspension, an outlet chamber (18) with a discharge opening (20) for the fiber suspension and a diffuser (22) to establish a fluid path between the inlet and the outlet chambers. The diffuser includes a cluster of tubes (28), each being divided in two successive portions (44, 46) of larger cross-sectional area separated by a step-like transition. Each tube comprises a stem (32) mounted in the initial portion thereof to define a ring shaped fiber suspension passage (38).

IPC 1-7
D21F 1/02

IPC 8 full level
D21F 1/02 (2006.01)

CPC (source: EP)
D21F 1/02 (2013.01); **D21F 1/026** (2013.01)

Cited by
US5876564A; US6153057A; US6425984B2; US6406595B1; US6368460B1

Designated contracting state (EPC)
DE FR GB IT SE

DOCDB simple family (publication)
EP 0364242 A2 19900418; EP 0364242 A3 19910424; CA 1320860 C 19930803

DOCDB simple family (application)
EP 89310400 A 19891011; CA 579854 A 19881012