

Title (en)
Headbox for papermaking machines

Title (de)
Stoffauflauf für Papiermaschinen

Title (fr)
Caisse de tête de machines à papier

Publication
EP 0789107 A3 20000119 (DE)

Application
EP 97101711 A 19910608

Priority
• DE 4019593 A 19900620
• EP 91109409 A 19910608

Abstract (en)
[origin: EP0785305A1] The stock inlet action, at a papermaking machine, has a distributor to spread the pulp suspension over the working width of the papermaking machine, using a number of openings or channels leading to the outlet slit across the machine width. The distributor separates at least part of the suspension flow into mixture part-flows, where each is formed into at least two control flows of different densities (CH,CL). To correct the paper weight profile in the finished paper material, the density (CM) of each mixture part-flow is individually adjusted by altering the throughputs (QH,QL) of the control flows. The throughputs (QH,QL) of the control flows are matched together, so that the throughput (QM) of the mixture part-flows remains unchanged or is restored to the required value.

IPC 1-7
D21F 1/00

IPC 8 full level
D21F 1/00 (2006.01); **D21F 1/02** (2006.01); **D21F 1/06** (2006.01); **D21F 1/08** (2006.01)

CPC (source: EP)
D21F 1/02 (2013.01); **D21F 1/026** (2013.01); **D21F 1/028** (2013.01); **D21F 1/08** (2013.01)

Citation (search report)
• [Y] DE 3628699 A1 19880303 - VOITH GMBH J M [DE]
• [Y] DE 3244055 A1 19830721 - ASEA AB [SE]

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DE102011078925A1

Designated contracting state (EPC)
AT CH DE FR GB IT LI SE

DOCDB simple family (publication)
EP 0462472 A1 19911227; AT E214442 T1 20020315; AT E227370 T1 20021115; CA 2045038 A1 19911221; CA 2045038 C 20060214; DE 4019593 A1 19920109; DE 4019593 C2 19940120; DE 59109230 D1 20020418; DE 59109243 D1 20021212; EP 0785305 A1 19970723; EP 0785305 B1 20020313; EP 0789107 A2 19970813; EP 0789107 A3 20000119; EP 0789107 B1 20021106; FI 20020790 A 20020424; FI 912230 A0 19910508; FI 912230 A 19911221; JP 3301623 B2 20020715; JP H04333688 A 19921120

DOCDB simple family (application)
EP 91109409 A 19910608; AT 96120331 T 19910608; AT 97101711 T 19910608; CA 2045038 A 19910620; DE 4019593 A 19900620; DE 59109230 T 19910608; DE 59109243 T 19910608; EP 96120331 A 19910608; EP 97101711 A 19910608; FI 20020790 A 20020424; FI 912230 A 19910508; JP 17460891 A 19910619