

Title (en)  
Wet end of a papermachine

Title (de)  
Nasspartie einer Papiermaschine

Title (fr)  
Partie humide d'une machine à papier

Publication  
**EP 0733735 A3 19980114 (DE)**

Application  
**EP 96102508 A 19960220**

Priority  
DE 19509522 A 19950320

Abstract (en)  
[origin: EP0733735A2] A wet end section of a paper machine has a distributor with several outlets, into which is fed the main stream of a pulp suspension, the outlets being connected via part-stream lines to a machine-width flow chamber which has a machine-width delivery nozzle. The part-stream lines are connected (directly or indirectly) to the flow chamber. At least one rotating sheet-forming screen is mounted downstream from the nozzle, the screen being provided with at least one receiver trough and opt. a screen water tank for the water collected in the trough. Dilution water lines for injecting the screen water into the part-stream lines in order to adjust the pulp density. The dilution lines are connected directly to the receiver trough or the pipeline system of the screen water tank, and/or the dilution water lines or the main stream lines or the part-stream lines are provided with inlets for chemicals such as retention aids or for additional pulp suspensions and fine-substance suspensions.

IPC 1-7  
**D21F 1/08**; **D21F 1/66**

IPC 8 full level  
**D21F 1/08** (2006.01); **D21F 1/66** (2006.01)

CPC (source: EP US)  
**D21F 1/08** (2013.01 - EP US); **D21F 1/66** (2013.01 - EP US)

Citation (search report)  
• [X] DE 4239647 A1 19940601 - VOITH GMBH J M [DE]  
• [X] EP 0600251 A1 19940608 - VOITH GMBH J M [DE]

Cited by  
EP0989230A1; AU723127B2; US6113741A; CN1094540C; EP1586705A1; NO326717B1; US6214170B1; WO9824973A1; WO9841684A1

Designated contracting state (EPC)  
AT DE FR SE

DOCDB simple family (publication)  
**EP 0733735 A2 19960925**; **EP 0733735 A3 19980114**; **EP 0733735 B1 20010124**; AT E198917 T1 20010215; DE 19509522 A1 19960926; DE 19509522 C2 19990311; DE 59606354 D1 20010301; US 5958189 A 19990928

DOCDB simple family (application)  
**EP 96102508 A 19960220**; AT 96102508 T 19960220; DE 19509522 A 19950320; DE 59606354 T 19960220; US 61874896 A 19960320