

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.

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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; WO9841684A1; WO9824973A1

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