

Title (en)
IMPROVED DEWATERING SYSTEM WITH VORTEX VALVE

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Application
EP 90911100 A 19900621

Priority
GB 8914438 A 19890623

Abstract (en)
[origin: WO9100388A1] A dewatering system is disclosed in papermaking machine for removing water from a web (P) such as a paper sheet made of pulp. The drainage system includes a vacuum or suction box (1), a separator (3) for separating solids and/or liquids from the drainage, and vortex valve (6) connecting the separator (3) to vacuum (5). Advantageously, the vortex valve (6) operates to maintain a substantially constant pressure at the separator outlet independently of the gas flow through the valve (6).

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D21F 1/48

IPC 8 full level
D21F 1/48 (2006.01)

CPC (source: EP)
D21F 1/48 (2013.01)

Citation (search report)

- [A] GB 1147790 A 19690410 - DOUGLAS HERMAN NEWCOMB, et al
- [A] US 3024839 A 19620313 - BEACHLER EDWARD D
- See references of WO 9100388A1

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