

Title (en)

Method and container for stacking high consistency pulp

Title (de)

Verfahren und Behälter zum Stapeln von hochkonsistentem Papierfaserstoff

Title (fr)

Procédé et récipient pour stocker une pâte à papier de haute consistance

Publication

**EP 1312712 A3 20040102 (DE)**

Application

**EP 02022093 A 20021002**

Priority

DE 10156201 A 20011115

Abstract (en)

[origin: US2003089471A1] Process and container for stacking and diluting paper fiber stock. The process includes stacking a high-consistency stock in a first volume for defined dwell time, conveying stock to second volume arranged to adjoin downstream first volume, diluting stock in second volume at least to a pumpable consistency, and drawing off diluted stock as suspension through a wire. Process includes generating circulation flow in second volume, such that circulation flow facilitates conveying of stock located on boundary of first volume into second volume, diluting stock, and drawing stock through wire. Process includes rotating rotor to keep wire clear, and generating, with screw coil arranged directly in front of rotor, flow that runs in axial direction of screw coil and guides diluted suspension away from wire. The instant abstract is neither intended to define the invention disclosed in this specification nor intended to limit the scope of the invention in any way.

IPC 1-7

**D21D 5/28**; **D21D 5/04**

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CPC (source: EP US)

**D21D 5/04** (2013.01 - EP US); **D21D 5/28** (2013.01 - EP US)

Citation (search report)

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- [A] US 5407538 A 19950418 - LAMORT JEAN P [FR]
- [DA] EP 0475669 B1 19951129 - AHLSTROEM OY [FI]
- [A] EP 0323749 A2 19890712 - AHLSTROEM OY [FI]

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DOCDB simple family (application)

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