

Title (en)
Moisture cross direction profile

Title (de)
Feuchtequerprofil

Title (fr)
Profil sens travers de la humidité

Publication
EP 1234911 A3 20031210 (DE)

Application
EP 01124927 A 20011019

Priority
DE 10108517 A 20010222

Abstract (en)
[origin: US2002112532A1] Process for determining disturbances of a moisture cross profile of a fibrous material web in a paper making machine, a paper making machine, and a measuring arrangement for measuring the disturbances, the process including guiding the fibrous material web by way of at least one water-permeable belt and collecting and draining off water released from the belt. The water is collected by several sections separated from one another. The process further includes measuring per time unit, the amount of water in each section, wherein the sections extend at right angles to a web running direction over only a partial section of the fibrous material web. The paper making machine includes at least one water-permeable belt, the belt being wrapped around a roll. The measuring arrangement includes a water collection device having the form of one of a trough, or channel.

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D21F 3/02; **D21F 7/00**

IPC 8 full level
D21F 3/02 (2006.01); **D21F 7/00** (2006.01)

CPC (source: EP US)
D21F 3/02 (2013.01 - EP US); **D21F 7/003** (2013.01 - EP US)

Citation (search report)

- [L] DE 10055999 A1 20020523 - VOITH PAPER PATENT GMBH [DE]
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- [A] US 6126785 A 20001003 - HU HUNG-TZAW [US], et al
- [A] US 5879513 A 19990309 - KARVINEN JUHA [FI]
- [A] EP 0432571 A2 19910619 - VALMET PAPER MACHINERY INC [FI]

Designated contracting state (EPC)
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