

Title (en)

Method for controlling sorting systems and sorting system for using the method

Title (de)

Verfahren zur Regelung von Sortiersystemen sowie zur Durchführung dieses Verfahrens geeignetes Sortiersystem

Title (fr)

Procédé pour la régulation de systèmes de triage et système de triage pour l'application du procédé

Publication

EP 1318229 B1 20070404 (DE)

Application

EP 02024605 A 20021104

Priority

DE 10160603 A 20011210

Abstract (en)

[origin: EP1318229A1] To control the multi-stage sorting of fiber suspensions, to be used as pulp for papermaking, each stage sorts the fiber suspension into at least a fine and a coarse fraction. Part of the coarse fraction is taken for further sorting and the derived fine fraction is returned to the sorting process. The mass flows are established at the inflow and outflow of each stage by on-line measurement and/or computation. The registered values are passed to a processor, for mathematic modeling and condition control of the sorting system. The mass flows at the sorting stages and/or selected machine parameters are adjusted according to target values relating to production, efficiency, fiber loss and the like.

IPC 8 full level

B03B 5/00 (2006.01); **D21D 5/02** (2006.01); **D21G 9/00** (2006.01)

CPC (source: EP US)

D21D 5/02 (2013.01 - EP US); **D21G 9/0018** (2013.01 - EP US)

Cited by

WO2009109278A1; DE102008013034B3; DE102019125317A1; US12077911B2; WO2021097280A1

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