

Title (en)

Shaking device for reciprocatingly moving a body along an axis thereof

Title (de)

Schüttelvorrichtung zum Hin- und Herbewegen eines Körpers entlang einer Achse desselben

Title (fr)

Dispositif pour agiter un corps axialement en va-et-vient

Publication

**EP 1624102 A2 20060208 (DE)**

Application

**EP 05106888 A 20050727**

Priority

DE 102004037993 A 20040805

Abstract (en)

A papermaking mechanical conveyer system advances cellulose fibres to a papermaking assembly along a vibrating plane. The plane motion is sustained by two linked moving cam arms whose length is motor-adjustable (27) by a regulator (26). The motor-powered adjustment mechanism (27) has a fixed position primary component (28) coupled via a length-adjustable arm to a secondary part (29). The adjustment motor is a three-phase linear motor, or a hydraulic or pneumatic drive. The regulator has a sensor (33) determining current position (I) and a regulator (34) setting a target value (35).

IPC 8 full level

**D21F 1/18** (2006.01)

CPC (source: EP)

**B06B 1/166** (2013.01); **D21F 1/18** (2013.01)

Cited by

EP2418320A1; EP2418319A1; WO2012020044A1; AT14584U1; FR2901159A1; DE102010039198A1; DE102010039199A1; DE102008040111A1; US10213808B2; DE102010039201A1; WO2008000535A1; DE102010039197A1; DE102010039200A1; DE102010039195A1; EP2898145B1

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