

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 B1 20070905 (DE)

Application

EP 05106888 A 20050727

Priority

DE 102004037993 A 20040805

Abstract (en)

[origin: EP1624102A2] 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

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

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1624102 A2 20060208; **EP 1624102 A3 20060531**; **EP 1624102 B1 20070905**; AT E372412 T1 20070915; DE 102004037993 A1 20060316; DE 502005001406 D1 20071018; PL 1624102 T3 20080131

DOCDB simple family (application)

EP 05106888 A 20050727; AT 05106888 T 20050727; DE 102004037993 A 20040805; DE 502005001406 T 20050727; PL 05106888 T 20050727