

Title (en)

APPARATUS FOR DRIVING A WOBBLING BODY.

Title (de)

VORRICHTUNG ZUM ANTRIEB EINES TAUMELKÖRPERS.

Title (fr)

DISPOSITIF D'ENTRAÎNEMENT D'UN CORPS OSCILLANT.

Publication

**EP 0604600 B1 19951004 (DE)**

Application

**EP 93909745 A 19930527**

Priority

- CH 226192 A 19920720
- CH 9300136 W 19930527

Abstract (en)

[origin: WO9402236A1] A wobbling oloidic hollow body (4) which serves as a receptacle for material to be mixed rests on free-running rollers (51) and is moved on these in wobbling fashion. The wobbling movement is produced as the intersection points of the axis of a possibly hollow shaft (6), which passes through the hollow body (4) in its longitudinal axis, run oval courses through two parallel planes, which stand upright and are each defined by a frame (11). In each of these frames (11) slideways (64) guide a drive slide block (60) which moves vertically and which itself forms the slideway for a driven slide block (61) that moves horizontally. Housed in each of the horizontally moving slide blocks (61) is a ball (62) through which the shaft (6) passes and which forms the bearing and guide for this shaft (6). The slide blocks are driven by a control unit (63) which has stored in it the requisite time-place-speed profile for producing the wobbling movement. The wobbling hollow body (4) has a closable opening (5) for pouring in and removing the material for mixing. If the shaft is designed as hollow, then during the wobbling, material for mixing can be fed in and removed via rotary transmission leadthroughs at the ends of the hollow shaft (6).

IPC 1-7

**B01F 9/00**

IPC 8 full level

**B01F 11/00** (2006.01); **B01F 9/00** (2006.01); **F16H 35/00** (2006.01)

CPC (source: EP US)

**B01F 29/00** (2022.01 - EP US)

Designated contracting state (EPC)

AT CH DE FR GB IT LI NL SE

DOCDB simple family (publication)

**WO 9402236 A1 19940203**; AT E128638 T1 19951015; CA 2119470 A1 19940203; DE 59300716 D1 19951109; EP 0604600 A1 19940706; EP 0604600 B1 19951004; JP H06511428 A 19941222; US 5492405 A 19960220

DOCDB simple family (application)

**CH 9300136 W 19930527**; AT 93909745 T 19930527; CA 2119470 A 19930527; DE 59300716 T 19930527; EP 93909745 A 19930527; JP 50405494 A 19930527; US 21120094 A 19940617