

Title (en)

Unbalanced-mass vibrator for a beton moulding machine

Title (de)

Unwuchtrüttler für Steinformmaschinen

Title (fr)

Appareil vibrant à masses rotatives non-équilibrées pour une machine de moulage de béton

Publication

EP 0945188 A3 20020417 (DE)

Application

EP 99104739 A 19990310

Priority

DE 19812986 A 19980324

Abstract (en)

[origin: EP0945188A2] The device has a vibrating table (1) with unbalance shafts (2,3) with electric drive motors (8). The motors are servo motors with electronic motor regulator. A torque/phase position control device has sine-cosine transmitters, to determine angular position and torque of the unbalance shafts. The transmitters are connected to the shafts with a rigid transmission ratio of 1:1. The device has four shafts, which are coupled in pairs via toothed belts (7). Each pair is coupled to a separate motor, one being a master drive and one being a slave drive.

IPC 1-7

B06B 1/16; **B28B 1/087**

IPC 8 full level

B06B 1/16 (2006.01); **B28B 1/087** (2006.01)

CPC (source: EP US)

B06B 1/162 (2013.01 - EP US); **B28B 1/0873** (2013.01 - EP US)

Citation (search report)

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Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 0945188 A2 19990929; **EP 0945188 A3 20020417**; CA 2266762 A1 19990924; DE 19812986 C1 19991111; US 6213630 B1 20010410

DOCDB simple family (application)

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