

Title (en)
Apparatus for generating vibrations

Title (de)
Rüttelvorrichtung

Title (fr)
Dispositif pour produire des vibrations

Publication
EP 0712702 A3 19970618 (DE)

Application
EP 95116035 A 19951011

Priority
DE 4436236 A 19941011

Abstract (en)
[origin: EP0712702A2] Each module (1) contains two parallel imbalance shafts (4) with rotary out-of-balance weights. On different modules imbalance shafts in tandem of identical rotary sense are interconnected by shafts. The modules contain supports (6) between the imbalance shafts and the vibrated material. The parallel imbalance shafts rotate in opposite directions. Pref. two modules have each one imbalance shaft, and are firmly coupled, via a holder, orthogonally to the imbalance shaft position. At least two adjacent modules may be coupled to parallel imbalance motors (2).

IPC 1-7
B28B 1/08; **B06B 1/16**

IPC 8 full level
B06B 1/16 (2006.01); **B28B 1/087** (2006.01); **B28B 7/00** (2006.01)

CPC (source: EP)
B06B 1/166 (2013.01); **B28B 1/0873** (2013.01); **B28B 7/0014** (2013.01)

Citation (search report)

- [YA] DE 833564 C 19520310 - SCHLOSSER & CO GMBH
- [YA] DE 3151075 C1 19830609 - LICENTIA GMBH
- [YA] DE 4239447 C1 19940303 - BITTLMAYER HUGO [DE]
- [YA] FR 2664832 A1 19920124 - PROCEDES TECH CONSTRUCTION [FR]
- [YA] GB 790861 A 19580219 - ARTHUR CHARLES CARTER, et al
- [A] US 2531706 A 19501128 - OLOF SIGNEUL RAGNAR ALRIK
- [A] DE 2348312 A1 19740404 - JESPERSEN & SON INT
- [A] DE 2602683 A1 19760805 - KOBLISCHEK PETER
- [AP] DE 4400839 A1 19950720 - AVERMANN MASCHINENFABRIK BETRI [DE]
- [YA] DATABASE WPI Section PQ Week 9111, Derwent World Patents Index; Class P64, AN 91-079568, XP002028514
- [YA] DATABASE WPI Section PQ Week 9023, Derwent World Patents Index; Class P64, AN 90-177220, XP002028515

Cited by
DE10147224A1; DE10147224B4; EP1293314A3

Designated contracting state (EPC)
AT DE FR GB IT

DOCDB simple family (publication)
DE 4436236 A1 19960418; EP 0712702 A2 19960522; EP 0712702 A3 19970618

DOCDB simple family (application)
DE 4436236 A 19941011; EP 95116035 A 19951011