

Title (en)

Device for compacting and shaping of mixtures

Title (de)

Anordnung zur Verdichtung und Formgebung von Gemengen

Title (fr)

Dispositif pour compacter et façonner des mélanges

Publication

**EP 1293315 A3 20041208 (DE)**

Application

**EP 02019205 A 20020827**

Priority

DE 10145825 A 20010913

Abstract (en)

[origin: EP1293315A2] The assembly to compact and shape mixed materials, and especially concrete, has a rigid mold (1) with a center of gravity (S), on elastic mountings (2). Four independent oscillation units (3.1-3.4) apply vibrations to the mold in a preferred direction without synchronization restraints. The energizing centers of the four oscillation units are in a symmetrical array around the center of gravity, within given tolerances, as imbalance units on parallel axes, with their relative directions of rotation set through their symmetrical array.

IPC 1-7

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

IPC 8 full level

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

CPC (source: EP)

**B06B 1/166** (2013.01); **B28B 1/0873** (2013.01)

Citation (search report)

- [A] DE 19850351 A1 20000504 - MASA AG [DE]
- [A] DE 1875977 U 19630718 - SCHENCK GMBH CARL [DE]
- [A] DE 4341387 A1 19950608 - NETTER GMBH [DE]

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)

**EP 1293315 A2 20030319**; **EP 1293315 A3 20041208**; DE 10145825 A1 20030417; DE 10145825 B4 20051117

DOCDB simple family (application)

**EP 02019205 A 20020827**; DE 10145825 A 20010913