

Title (en)
Apparatus for generating vibrations

Title (de)
Rüttelantrieb

Title (fr)
Dispositif d'obtention de vibrations

Publication
EP 1080858 B1 20061004 (DE)

Application
EP 00114460 A 20000706

Priority
DE 19940119 A 19990824

Abstract (en)
[origin: US6402499B1] A vibration drive particularly suited for a mold for producing concrete molded bodies comprises of at least one piezoelectric vibration exciter which is fixedly attached onto the mold. The vibration exciter comprises a housing in which an unbalance mass is movably supported and is drivingly connected to a piezoelement which is also located in the housing to produce vibration. When an AC voltage is applied to the vibration exciter a deformation movement occurs which is converted into an oscillating motion of the unbalance mass and which thus produces vibrations of the mold.

IPC 8 full level
B28B 1/08 (2006.01); **B06B 1/06** (2006.01); **B06B 1/16** (2006.01); **B28B 1/087** (2006.01); **B28B 3/02** (2006.01)

CPC (source: EP US)
B06B 1/16 (2013.01 - EP US); **B28B 1/0873** (2013.01 - EP US); **B28B 3/022** (2013.01 - EP US)

Cited by
CN112476720A; DE10351177A1; DE10351177B4

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
US 6402499 B1 20020611; AT E341430 T1 20061015; CA 2316455 A1 20010224; CA 2316455 C 20080708; DE 19940119 A1 20010301; DE 50013543 D1 20061116; DK 1080858 T3 20061211; EP 1080858 A2 20010307; EP 1080858 A3 20021113; EP 1080858 B1 20061004; ES 2270763 T3 20070416

DOCDB simple family (application)
US 64465100 A 20000824; AT 00114460 T 20000706; CA 2316455 A 20000818; DE 19940119 A 19990824; DE 50013543 T 20000706; DK 00114460 T 20000706; EP 00114460 A 20000706; ES 00114460 T 20000706