

Title (en)

Actuator of vibrations for compacting soil

Title (de)

Schwingungserregervorrichtung zur Bodenverdichtung

Title (fr)

Vibreux pour compaction du sol

Publication

EP 1449965 B1 20080507 (DE)

Application

EP 03026486 A 20031120

Priority

DE 10306791 A 20030218

Abstract (en)

[origin: EP1449965A2] A vibration exciter has two pairs of unbalanced shafts (2,3) arranged beside each other as such that unbalanced shafts (4,4',5,5') in both pairs are diagonally spaced from each other and rotate in the same direction.

IPC 8 full level

E02D 3/074 (2006.01); **B06B 1/16** (2006.01)

CPC (source: EP US)

B06B 1/16 (2013.01 - EP US); **E02D 3/074** (2013.01 - EP US); **Y10S 37/903** (2013.01 - EP US); **Y10T 74/18544** (2015.01 - EP US); **Y10T 74/18552** (2015.01 - EP US)

Cited by

EP3520909A3; US11285511B2; US11638932B2

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 1449965 A2 20040825; **EP 1449965 A3 20051228**; **EP 1449965 B1 20080507**; AT E394550 T1 20080515; DE 10306791 A1 20040826; DE 50309774 D1 20080619; ES 2301747 T3 20080701; US 2004173040 A1 20040909; US 7302871 B2 20071204

DOCDB simple family (application)

EP 03026486 A 20031120; AT 03026486 T 20031120; DE 10306791 A 20030218; DE 50309774 T 20031120; ES 03026486 T 20031120; US 77224804 A 20040206