

Title (en)
Infinitely adjustable oscillation exciter

Title (de)
Stufenlos verstellbarer Schwingungserreger

Title (fr)
Accélérateur d'oscillations réglable en continu

Publication
EP 2363212 A3 20161109 (DE)

Application
EP 11000185 A 20110112

Priority
DE 102010010037 A 20100303

Abstract (en)
[origin: EP2363212A2] The vibration generator (10) has a shaft (18) and two imbalance weights (20,30) located on the shaft. A gear (11) is provided as a spatial coupled gear, for e.g. a spatial impulse vibration gear. The gear has an adjustable slider (12) and a coupling element (13,14). Pivoted joint connections (15) have a rotary mounted fork head (16). An independent claim is also included for a directed vibrator for generating directed vibration.

IPC 8 full level
B06B 1/16 (2006.01)

CPC (source: EP US)
B06B 1/162 (2013.01 - EP US); **Y10T 74/18056** (2015.01 - EP US); **Y10T 74/18344** (2015.01 - EP US)

Citation (search report)

- [XA] US 2007272043 A1 20071129 - O'CONNOR JOE [GB]
- [XA] EP 2067533 A1 20090610 - ANLAGENTECH BAUMASCH IND [DE]
- [XI] US 2002100339 A1 20020801 - YATES STEVE K [US], et al
- [X] US 3919575 A 19751111 - WEBER JOHANNES, et al
- [X] DE 10235980 A1 20030515 - CATERPILLAR INC [US]

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2363212 A2 20110907; EP 2363212 A3 20161109; EP 2363212 B1 20191002; CN 102189075 A 20110921; CN 102189075 B 20141022; DE 102010010037 A1 20110908; DE 102010010037 B4 20191031; US 2012055276 A1 20120308; US 8881612 B2 20141111

DOCDB simple family (application)
EP 11000185 A 20110112; CN 201110049168 A 20110302; DE 102010010037 A 20100303; US 201113039770 A 20110303