

Title (en)
DEVICE FOR GENERATING DIRECTED VIBRATIONS

Title (de)
VORRICHTUNG ZUM ERZEUGEN GERICHTETER SCHWINGUNGEN

Title (fr)
GENERATEUR DE VIBRATIONS ORIENTEES

Publication
EP 0980292 A1 20000223 (DE)

Application
EP 98925536 A 19980505

Priority
• DE 29708118 U 19970505
• DE 19741413 A 19970919
• EP 9802647 W 19980505

Abstract (en)
[origin: US6263750B1] A device for generating directed vibrations has two centrifugal weights which are independently driven at the same speed of rotation but in opposite directions. The centrifugal weights are supported on a largely stiff carrier secured by a holder to a bracket. The holder allows the carrier to move relative to the bracket. When the centrifugal weights start moving, they become synchronized within a short period of time and generate vibrations which can be used in the desired manner via the bracket.

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B06B 1/16; **B06B 1/14**

IPC 8 full level
B06B 1/14 (2006.01); **B06B 1/16** (2006.01)

CPC (source: EP US)
B06B 1/14 (2013.01 - EP US); **B06B 1/166** (2013.01 - EP US); **Y10T 74/18344** (2015.01 - EP US)

Citation (search report)
See references of WO 9850171A1

Cited by
EP2881516B1; EP2881516B2

Designated contracting state (EPC)
CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)
US 6263750 B1 20010724; EP 0980292 A1 20000223; EP 0980292 B1 20021030; JP 2001524023 A 20011127; JP 3919827 B2 20070530; WO 9850171 A1 19981112

DOCDB simple family (application)
US 40217399 A 19990928; EP 9802647 W 19980505; EP 98925536 A 19980505; JP 54773198 A 19980505