

Title (en)
CONTROLLABLE VIBRATION GENERATOR

Title (de)
REGELBARER SCHWINGUNGSERREGER

Title (fr)
VIBREUR REGLABLE

Publication
EP 1305121 A1 20030502 (DE)

Application
EP 01969568 A 20010803

Priority
• DE 10038206 A 20000804
• EP 0109014 W 20010803

Abstract (en)
[origin: WO0211906A1] A vibration generator comprises two unbalance shafts (2, 3), which are positively coupled in a contra-rotative manner and whose relative phase position can be shifted by a phase shifting device (7). Each of the unbalance shafts (2, 3) supports a main unbalance mass (15) and a partial unbalance mass (16) that can move in relation thereto. The position of the partial unbalance masses (16) on the respective unbalance shafts (2, 3) can be actively altered within a large range by adjusting devices (17, 18). The resulting vibration vector generated by the vibration generator can be set in a diverse manner with regard to direction and magnitude.

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B06B 1/16

IPC 8 full level
B06B 1/04 (2006.01); **B06B 1/16** (2006.01)

CPC (source: EP US)
B06B 1/162 (2013.01 - EP US); **B06B 1/166** (2013.01 - EP US); **Y10T 74/10** (2015.01 - EP US); **Y10T 74/18344** (2015.01 - EP US); **Y10T 74/18552** (2015.01 - EP US)

Citation (search report)
See references of WO 0211906A1

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