

Title (en)  
READJUSTING DEVICE FOR AN UNBALANCED MASS EXCITER

Title (de)  
VERSTELLEINRICHTUNG FÜR UNWUCHTERREGER

Title (fr)  
DISPOSITIF DE REGLAGE POUR VIBREUR A BALOURD

Publication  
**EP 1335799 A1 20030820 (DE)**

Application  
**EP 01997183 A 20011121**

Priority  
• DE 10057807 A 20001122  
• EP 0113570 W 20011121

Abstract (en)  
[origin: WO0242011A1] A readjusting device used to modify the functional parameters of an oscillator which comprises at least one rotatable unbalanced mass (18,24) which is supported by a rotationally driveable shaft (14,16) is provided with a rotationally mounted adjusting member (22,23) on said shaft in order to modify the above-mentioned functional parameters and with an adjusting pin (48) which is associated with the adjusting member (22, 30), can be readjusted in an axial direction inside the shaft (14, 16) and which is arranged in such a way that it can rotate with the shaft. The adjusting pin (48) which can be actuated by a controllable, non-rotating stamp (35) and said stamp are disposed in an axial direction of the shaft (14,16) in such a way that a crowned contour (44) and a counter surface (50) traversing the rotational axis (40) of the shaft (14,16) at a right angle touch each other in the center thereof relative to the axis of rotation (40).

IPC 1-7  
**B06B 1/16**; E02D 3/074

IPC 8 full level  
**B06B 1/04** (2006.01); **B06B 1/16** (2006.01); **H02K 7/065** (2006.01)

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

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Designated contracting state (EPC)  
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