

Title (en)
Oscillating weight

Title (de)
Schwungmasse

Title (fr)
Masse oscillante

Publication
EP 1445668 B1 20090715 (FR)

Application
EP 03405056 A 20030204

Priority
EP 03405056 A 20030204

Abstract (en)
[origin: EP1445668A1] The mass has a mass unit with a center of gravity (G) displaced with respect to an axis of rotation defined by a bearing (12). The mass unit has two detachable parts (10, 18) placed in such a way that the relative displacement produces a radial displacement of the center of gravity. A fixing unit (16b) cooperates with the parts so that the parts are displaced with respect to each other and rigidly fixed to each other.

IPC 8 full level
G04B 5/16 (2006.01)

CPC (source: EP KR US)
G04B 5/165 (2013.01 - EP KR US); **G04B 5/188** (2013.01 - KR)

Cited by
EP2592498A1; EP2592499A1; RU2618442C2; US8882340B2; WO2008003735A3; WO2020089877A1; US11892806B2

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 SE SI SK TR

DOCDB simple family (publication)
EP 1445668 A1 20040811; EP 1445668 B1 20090715; CN 100430842 C 20081105; CN 1748185 A 20060315; DE 60328353 D1 20090827; HK 1067718 A1 20050415; JP 2006517294 A 20060720; JP 4334566 B2 20090930; KR 101016252 B1 20110225; KR 20050095884 A 20051004; US 2006050617 A1 20060309; US 7217030 B2 20070515; WO 2004070478 A2 20040819; WO 2004070478 A3 20041125

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EP 03405056 A 20030204; CN 200480003428 A 20040204; DE 60328353 T 20030204; HK 04110228 A 20041224; IB 2004000400 W 20040204; JP 2006502440 A 20040204; KR 20057014224 A 20040204; US 54128705 A 20050630