

Title (en)
Oscillating mass

Title (de)
Schwungmasse

Title (fr)
Masse oscillante

Publication
EP 2592498 A1 20130515 (FR)

Application
EP 11188261 A 20111108

Priority
EP 11188261 A 20111108

Abstract (en)
The oscillating weight structure has a basic unit (1) which is made of composite material and heavy metal elements (9). The basic unit is provided with an inner portion (5) and a peripheral portion (3). The peripheral portion is provided with housings (7). The heavy metal elements are provided in the housing. An indentation is formed in a base of a lug. The blind cylindrical holes are formed in the housing.

Abstract (fr)
La masse oscillante est destinée à une utilisation dans un remontoir automatique de montre. Elle comporte une pièce de base (1) en matériau composite et des éléments en métal lourd (9). La pièce de base comprend une partie intérieure (5) et une partie périphérique (3) à laquelle sont fixés les éléments en métal lourd.

IPC 8 full level
G04B 5/16 (2006.01)

CPC (source: EP RU US)
G04B 5/165 (2013.01 - EP RU US)

Citation (applicant)
US 3942317 A 19760309 - SCHLUEP JEAN-PIERRE

Citation (search report)
• [I] CH 700711 B1 20101015 - RICHEMONT INT SA [CH]
• [A] WO 2008135817 A2 20081113 - PATEK PHILIPPE SA [CH], et al
• [A] CH 249417 A 19470630 - BONDY S A [CH]
• [A] CH 288208 A 19530115 - BERTHOUD ROBERT [CH]
• [A] EP 1445668 A1 20040811 - VAUCHER MFT FLEURIER SA [CH]

Cited by
EP3674816A1; US9862129B2; US11042125B2; WO2014154705A3; WO2023078694A1; EP2605087A1; EP2605079A1; EP2787399A2

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 2592498 A1 20130515; CN 103092050 A 20130508; CN 103092050 B 20151125; EP 2592499 A1 20130515; EP 2592499 B1 20200715; HK 1185156 A1 20140207; JP 2013101117 A 20130523; JP 6054143 B2 20161227; RU 2012147490 A 20140520; RU 2618442 C2 20170503; US 2013114381 A1 20130509; US 8882340 B2 20141111

DOCDB simple family (application)
EP 11188261 A 20111108; CN 201210517597 A 20121107; EP 12190400 A 20121029; HK 13112482 A 20131106; JP 2012243213 A 20121103; RU 2012147490 A 20121107; US 201213668839 A 20121105