Title (en)
Tourbillon mechanism

Title (de)
Tourbillon-Mechanismus

Title (fr)
Mécanisme de tourbillon

Publication
**EP 2189855 A1 20100526 (FR)**

Application
**EP 08169552 A 20081120**

Priority
EP 08169552 A 20081120

Abstract (en)
The cage has an upper bridge (10) and a lower bridge (12) connected by connection units e.g. spacers (18, 19). An intermediate bridge (14) is placed between the upper and lower bridges. The upper and lower bridges include a pivot (32) for pivoting the cage along a pivoting axis, where the cage receives an anchor, a balance-beam having radius, and an escape mechanism comprising an escape wheel. One of the connection units is arranged, relative to the pivoting axis, at a distance less than the radius of the balance-beam. An independent claim is also included for a tourbillon mechanism comprising an arm connecting an axle of a balance-beam with a felloe.

Abstract (fr)
Cage de tourbillon (4) comportant un pont supérieur (10) et un pont inférieur (12), lesdits ponts supérieur (10) et inférieur (12) comprenant des moyens de pivotement (32) de la cage selon un axe AA, et étant reliés par des moyens de liaison (18,19), ladite cage (4) étant destinée à recevoir un balancier (1) de rayon R et un mécanisme d'échappement comprenant une roue d'échappement (3) et éventuellement une ancre (5). Au moins l'un desdits moyens de liaison (18,19) est disposé, par rapport à l'axe AA, à une distance inférieure au rayon R du balancier (1).

IPC 8 full level
**G04B 17/28** (2006.01)

CPC (source: EP)
**G04B 17/285** (2013.01)

Citation (search report)
[XA] WO 2004006025 A2 20040115 - WATCH U LICENSE AG [CH], et al

Cited by
EP2879005A3; EP2879005A2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
**EP 2189855 A1 20100526**; **EP 2189855 B1 20121114**

DOCDB simple family (application)
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