

Title (en)

Mechanism for a jumping tourbillon cage

Title (de)

Mechanismus für springendes Karussell-Gestell

Title (fr)

Mécanisme d'avance par saut périodique d'une cage de carrousel

Publication

EP 2397921 B1 20170830 (FR)

Application

EP 10166367 A 20100617

Priority

EP 10166367 A 20100617

Abstract (en)

[origin: EP2397921A1] The mechanism (100) has a movement transmission wheel (20) driven by an input driving unit (10) to pivotably drive a karussell cage (30) and an escapement pinion (41). A retaining unit (70) engages with the cage to enable or prevent the pivoting movement of cage according to movement or non-movement of the retaining unit. An arresting unit (60) engages with the retaining unit so as to enable or prevent the pivoting movement of retaining unit depending on an angular pivoting position of the arresting unit. The retaining unit comprises a path intersecting a path of the arresting unit.

IPC 8 full level

G04B 15/12 (2006.01); **G04B 17/28** (2006.01)

CPC (source: EP US)

G04B 15/12 (2013.01 - EP US); **G04B 17/28** (2013.01 - EP US); **G04B 17/285** (2013.01 - EP US)

Cited by

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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 SE SI SK SM TR

DOCDB simple family (publication)

EP 2397921 A1 20111221; **EP 2397921 B1 20170830**; CN 103038711 A 20130410; CN 103038711 B 20140910; EP 2583142 A1 20130424; EP 2583142 B1 20150107; HK 1183944 A1 20140110; JP 2013532282 A 20130815; JP 5425340 B2 20140226; US 2013155820 A1 20130620; US 9058020 B2 20150616; WO 2011157591 A1 20111222

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