

Title (en)

Chiming mechanism of a watch or a music box

Title (de)

Schlagwerkmechanismus einer Armbanduhr oder einer Spieluhr

Title (fr)

Mécanisme de sonnerie d'une montre ou d'une boîte à musique

Publication

EP 2463732 B1 20160330 (FR)

Application

EP 10194574 A 20101210

Priority

EP 10194574 A 20101210

Abstract (en)

[origin: EP2463732A1] The mechanism (1) has magnetic elements (13, 4) e.g. fixed and movable permanent magnets such as fixed and movable micro magnets, arranged in a part of a patch (11) and on an activating component (2) e.g. magnetic wheel, respectively. The component is turned on in a ringing mode such that one of the elements is repeatedly close to and opposite the other element arranged to generate magnetic field of polarity opposite to magnetic field generated by the former element opposite the latter element, to allow the patch to vibrate by repetitive variation of magnetic repulsion force of the elements.

IPC 8 full level

G04B 21/06 (2006.01); **G04B 21/08** (2006.01); **G04B 23/02** (2006.01); **G10F 1/06** (2006.01)

CPC (source: EP US)

G04B 21/06 (2013.01 - EP US); **G04B 21/08** (2013.01 - EP US); **G04B 23/026** (2013.01 - EP US); **G04B 23/028** (2013.01 - EP US); **G10F 1/06** (2013.01 - EP US); **G10K 1/067** (2013.01 - EP US)

Cited by

CN112021001A; EP2911014A3; EP3182224A1; EP2808745A1; US10228659B2; US9207643B2; US10459406B2; WO2016045806A1

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

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EP 2463732 A1 20120613; **EP 2463732 B1 20160330**; CH 704199 A2 20120615; CN 102566406 A 20120711; CN 102566406 B 20140604; JP 2012128420 A 20120705; JP 5211232 B2 20130612; US 2012147715 A1 20120614; US 8559277 B2 20131015

DOCDB simple family (application)

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