

Title (en)
Striking mechanism provided with means for selecting chime vibration mode

Title (de)
Schlagwerk mit Mitteln zur Auswahl des Vibrationsmodus einer Tonfeder

Title (fr)
Mécanisme de sonnerie muni de moyens de sélection de mode vibratoire d'un timbre

Publication
EP 2808745 B1 20190703 (FR)

Application
EP 13169516 A 20130528

Priority
EP 13169516 A 20130528

Abstract (en)
[origin: US2014355398A1] The striking mechanism (1) particularly for a watch, includes at least one gong (3) fixed to a gong-carrier (2), at least one hammer for striking the gong at predetermined times, and a means of selecting at least one mode of vibration of the gong. The selection means includes at least one selector element (4) arranged in contact on a part of the gong and held on a vibration node of a mode of vibration of the gong to be selected so as to block other modes of vibration. The selector element can be moved on the gong by a mechanical or magnetic means of movement.

IPC 8 full level
G04B 21/08 (2006.01); **G04B 23/02** (2006.01)

CPC (source: CH EP US)
G04B 21/06 (2013.01 - EP US); **G04B 21/08** (2013.01 - CH EP US); **G04B 23/026** (2013.01 - EP US); **G04B 23/028** (2013.01 - CH EP US); **G10K 1/10** (2013.01 - CH EP US); **G04B 21/00** (2013.01 - EP US); **G04B 21/02** (2013.01 - EP US); **G04B 23/00** (2013.01 - EP US)

Citation (examination)
US 2727423 A 19551220 - MEEKER WILLARD F, et al

Cited by
EP3657267A1; US11774910B2; EP4012511A1; EP3537228A1

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

DOCDB simple family (publication)
EP 2808745 A1 20141203; EP 2808745 B1 20190703; CH 708095 A2 20141128; CH 708095 B1 20210514; CN 104216270 A 20141217; CN 104216270 B 20170412; HK 1205292 A1 20151211; JP 2014232104 A 20141211; JP 5797811 B2 20151021; US 2014355398 A1 20141204; US 9207643 B2 20151208

DOCDB simple family (application)
EP 13169516 A 20130528; CH 10182013 A 20130528; CN 201410232288 A 20140528; HK 15105685 A 20150616; JP 2014104016 A 20140520; US 201414276039 A 20140513