

Title (en)

MUSICAL MODULE OF A MOVEMENT OF A WATCH

Title (de)

MUSIKMODUL EINES UHRWERKS

Title (fr)

MODULE MUSICAL D'UN MOUVEMENT HORLOGER D'UNE MONTRE

Publication

EP 2038708 A1 20090325 (FR)

Application

EP 06795091 A 20060710

Priority

IB 2006001902 W 20060710

Abstract (en)

[origin: WO2008007161A1] Musical module of a movement of a watch, said module comprising a barrel (11), at least one element (5) provided with pins (12), a keyboard (13) with a plurality of blades, a regulator member (7, 8, 9, 10) and a control device (16, 17, 21). The element (5) or each element (5) is a notched disk driven by the barrel (11) by means of at least one pinion (6). The or each notched disk (5) supporting said pins (12) on at least one face, is positionable above or below the keyboard (13) in such a way that the pins (12) engage the blades of the keyboard (13) in order to play a melody. The control device (16, 17, 21) is constructed so as to rotate the notched disk(s) (5) in order to start the tune. The regulator member (7, 8, 9, 10) causes constant rotation of the notched disk(s) (5).

IPC 8 full level

G04B 21/08 (2006.01); **G01F 1/06** (2006.01)

CPC (source: EP US)

G04B 21/08 (2013.01 - EP US); **G10F 1/06** (2013.01 - EP US)

Citation (search report)

See references of WO 2008007161A1

Citation (third parties)

Third party :

US 267104 A 18821107

Cited by

WO2014060801A2; WO2014060802A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

WO 2008007161 A1 20080117; AT E500538 T1 20110315; CN 101198910 A 20080611; CN 101198910 B 20111109; DE 602006020503 D1 20110414; EP 2038708 A1 20090325; EP 2038708 B1 20110302; EP 2038708 B2 20170215; HK 1122364 A1 20090515; JP 2008541140 A 20081120; JP 4833289 B2 20111207; US 2009097362 A1 20090416; US 7733744 B2 20100608

DOCDB simple family (application)

IB 2006001902 W 20060710; AT 06795091 T 20060710; CN 200680015312 A 20060710; DE 602006020503 T 20060710; EP 06795091 A 20060710; HK 08113445 A 20081210; JP 2008524605 A 20060710; US 91237706 A 20060710