

Title (en)

On-demand time zone displayed on the main hand of a timepiece

Title (de)

Zeitzone auf Wunsch auf den Hauptzeigern einer Uhr

Title (fr)

Fuseau horaire à la demande sur l'aiguillage principal d'une pièce d'horlogerie

Publication

EP 2362277 B1 20121031 (FR)

Application

EP 10154623 A 20100225

Priority

EP 10154623 A 20100225

Abstract (en)

[origin: EP2362277A1] The mechanism has a set of memory wheels including a rotational unit for rotational driving about an axis of rotation. A support unit disconnectably cooperates with a support surface of the memory wheels, connectably cooperates with the support surface of one of the memory wheels, and disconnects from the support surface of remaining memory wheels. A differential gear includes an input formed by a motion work wheel set arranged to be driven by movement, another input formed by a crown of the differential gear, and an output consisting of a cannon-pinion or an arbour carrying an hour hand (25). An independent claim is also included for a timepiece comprising a timezone mechanism.

IPC 8 full level

G04B 19/22 (2006.01)

CPC (source: EP KR US)

G04B 19/223 (2013.01 - EP KR US); **G04B 19/28** (2013.01 - KR)

Cited by

WO2013030268A1; CH716686A1; EP3839658A1; CH711228A1; CN110780574A; CN113189855A; US11687034B2; US9405274B2; EP3599520A1; US11906938B2

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 MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

EP 2362277 A1 20110831; EP 2362277 B1 20121031; CN 102169322 A 20110831; CN 102169322 B 20130327; HK 1162074 A1 20120817; JP 2011174932 A 20110908; JP 5300887 B2 20130925; KR 20110097656 A 20110831; US 2011205852 A1 20110825; US 8416645 B2 20130409

DOCDB simple family (application)

EP 10154623 A 20100225; CN 201110046012 A 20110225; HK 12101803 A 20120223; JP 2011040379 A 20110225; KR 20110015305 A 20110222; US 201113035057 A 20110225