

Title (en)

Mechanism for setting the minute hand of a timepiece with automatic return-to-zero of the seconds hand

Title (de)

Mechanismus zum Einstellen des Minutenzeigers einer Uhr mit automatischer Nullstellung des Sekundenzeigers

Title (fr)

Mécanisme de réglage de l'aiguille des minutes d'une montre avec remise à zéro automatique de l'aiguille des secondes

Publication

**EP 2224294 B1 20140910 (DE)**

Application

**EP 09153924 A 20090227**

Priority

EP 09153924 A 20090227

Abstract (en)

[origin: EP2224294A1] The clock has an adjusting shaft (16) coupled with a center-wheel group (40) of a clockwork mechanism such that rotation of the shaft adjusts a minute indicator. The shaft co-operates with an arm (18), intermediate element (20), and zero resetting arm (22) for driving second indicator in a zero position when moving the shaft in an adjusting position. The wheel group includes resting mechanisms that enable 60 resting positions, so that the minute indicator is adjusted between 60 positions of the minute indicator in a minute index by the rotation of the shaft in the adjusting position.

IPC 8 full level

**G04B 27/00** (2006.01)

CPC (source: EP)

**G04B 27/005** (2013.01)

Cited by

EP3486735A1; DE102015122629B3; CN106483818A; EP3772673A1; CN112346325A; EP3136186A1; EP3382471A1; CH713660A1; EP3136187A1; US11774911B2; US11163266B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

**EP 2224294 A1 20100901; EP 2224294 B1 20140910**; CN 101819402 A 20100901; CN 101819402 B 20130710; HK 1147809 A1 20110819; JP 2010204099 A 20100916; JP 5580080 B2 20140827

DOCDB simple family (application)

**EP 09153924 A 20090227**; CN 201010123993 A 20100226; HK 11101825 A 20110224; JP 2010042060 A 20100226