

Title (en)

Timepiece with a mechanism to measure adjustable predetermined times

Title (de)

Uhr mit einem Mechanismus zur Messung von einstellbaren vorbestimmten Zeitdauern

Title (fr)

Pièce d'horlogerie munie d'un mécanisme de mesure de durées prédéterminées réglables

Publication

**EP 1777598 A1 20070425 (FR)**

Application

**EP 05405596 A 20051021**

Priority

EP 05405596 A 20051021

Abstract (en)

The time piece has a mechanism measuring a preset adjustable duration, and seconds and minute counters (4, 5). Unidirectional links formed by a disk (6a) and a ratchet toothing pinion (7a) are situated between the counters (4, 5) to adjust displacement speed of the counter (5) at a ratio with the displacement speed of the counter (4). The links ensure a unidirectional relative displacement of the counter (4) relative to the counter (5) when the counter (5) is in a stop position and a displacement in opposite direction of the counter (5) when the counter (4) is in the stop position.

IPC 8 full level

**G04F 3/02** (2006.01); **G04F 7/08** (2006.01)

CPC (source: EP US)

**G04F 3/022** (2013.01 - EP US); **G04F 7/0809** (2013.01 - EP US); **G04F 7/0847** (2013.01 - EP US)

Citation (applicant)

- CH 692523 A5 20020715 - MCT HOLDING SA [CH]
- WO 02077725 A1 20021003 - GLASHUETTER UHRENBETRIEB GMBH [DE], et al

Citation (search report)

- [A] WO 02077725 A1 20021003 - GLASHUETTER UHRENBETRIEB GMBH [DE], et al
- [A] CH 692523 A5 20020715 - MCT HOLDING SA [CH]
- [A] US 5077708 A 19911231 - SCHNEIDER ERNEST [CH]
- [A] CH 175961 D
- [A] CH 548061 A 19740411
- [A] FR 1502690 A 19671124 - YEMA SA

Cited by

EP2824521A3; CH715924A1; CH711687A1; EP2239638A3; EP2642355A1; EP3059643A1; US9239570B2; US11809139B2; US9285775B2; EP3557336A1; WO2017071887A1; US9477206B2; EP2239638A2; US9535405B2; EP2905661A1; US9348315B2; EP4254076A1; EP3185090B1

Designated contracting state (EPC)

CH DE FR GB LI

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

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DOCDB simple family (application)

**EP 05405596 A 20051021**; CN 200610135510 A 20061016; DE 05405596 T 20051021; HK 07104962 A 20070510; JP 2006286595 A 20061020; US 53851606 A 20061004