

Title (en)

Return-to-zero device for two time counters

Title (de)

Null-Rückstellungsvorrichtung für zwei Zeitzähler

Title (fr)

Dispositif de remise à zéro de deux compteurs de temps

Publication

EP 1746471 B1 20190918 (FR)

Application

EP 05405447 A 20050720

Priority

EP 05405447 A 20050720

Abstract (en)

[origin: EP1746471A1] The device has a spring (5) to selectively exert a torque on a zero-resetting lever (2) for pressing hammers (6c, 6d) against respective zero-resetting cams (7, 8). Articulation units articulate the hammers with respect to the lever and have a pin (2d) engaged in a guide slot (6a). The slot is oriented such that, during zero-resetting, direction of perpendicular, dropped from an axis of the pin onto the slot, intersects a straight line joining axes (7a, 8a) of the cams at a point. A pin (2e) is engaged with a play in an opening (6b) to allow a limited rotation of the slot around the pin (2d).

IPC 8 full level

G04F 7/08 (2006.01)

CPC (source: EP US)

G04F 7/0809 (2013.01 - EP US)

Citation (examination)

JP 2004264036 A 20040924 - SEIKO EPSON CORP

Cited by

EP4390574A1; EP2241945A3; US11687043B2; EP3876043A1; EP3876042A1; CN113359405A

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 1746471 A1 20070124; EP 1746471 B1 20190918; CN 100585519 C 20100127; CN 1900852 A 20070124; JP 2007024899 A 20070201; JP 4896614 B2 20120314; US 2007019509 A1 20070125; US 7331706 B2 20080219

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