

Title (en)

Device to assist in maintaining the position of a date disc for a timepiece

Title (de)

Hilfsvorrichtung zur Positionshaltung einer Datumsanzeigescheibe für Uhrwerk

Title (fr)

Dispositif d'aide au maintien en position d'un disque indicateur de quantième pour pièce d'horlogerie

Publication

EP 2180383 A1 20100428 (FR)

Application

EP 08167519 A 20081024

Priority

EP 08167519 A 20081024

Abstract (en)

The device has locking levers (52, 52') maintaining jumpers (50, 50') out of correction phases of date indication, respectively. The levers move aside from a locking position of the jumpers by an activation unit (54) for liberating the jumpers in correction phases of the date indication, respectively. Each lever is locked between corresponding jumper and the activation unit out of the correction periods of the date indication. The lever is provided with diametrically opposite arms (53a, 53b) that allow the lever to be supported against the jumper and a toothed wheel.

Abstract (fr)

Dispositif d'aide au maintien en position d'un disque indicateur de quantième (2;3) pour pièce d'horlogerie, la position du disque indicateur de quantième (2;3) étant indexée par un sautoir (50;50'), ce dispositif comprend un organe de blocage (52;52') qui, en dehors des périodes de correction de l'indication de quantième, maintient bloqué le sautoir (50;50'), cet organe de blocage (52;52') s'effaçant en phase de correction de l'indication de quantième pour libérer le sautoir (50;50').

IPC 8 full level

G04B 19/247 (2006.01)

CPC (source: EP KR US)

G04B 19/247 (2013.01 - EP US); **G04B 19/253** (2013.01 - KR)

Citation (applicant)

EP 1962152 A1 20080827 - ZENITH INTERNAT SA [CH]

Citation (search report)

- [XA] EP 1962152 A1 20080827 - ZENITH INTERNAT SA [CH]
- [X] CH 491420 A 19691231 - MOVADO MONTRES [CH]
- [X] FR 1485815 A 19670623 - ROLEX MONTRES

Cited by

EP4293431A3; EP2902852A1; US9122247B2; US10345759B2; US10067473B2; EP3173877A1; US10437198B2; WO2020065574A3

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 MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

EP 2180383 A1 20100428; EP 2180383 B1 20120125; AT E543125 T1 20120215; CN 101727063 A 20100609; CN 101727063 B 20130403; HK 1144842 A1 20110311; JP 2010101896 A 20100506; JP 5600251 B2 20141001; KR 101550072 B1 20150903; KR 20100045914 A 20100504; SG 161164 A1 20100527; US 2010103780 A1 20100429; US 8040759 B2 20111018

DOCDB simple family (application)

EP 08167519 A 20081024; AT 08167519 T 20081024; CN 200910207524 A 20091026; HK 10111479 A 20101209; JP 2009245262 A 20091026; KR 20090097045 A 20091013; SG 2009067711 A 20091009; US 60479609 A 20091023