

Title (en)

RETROGRADE DISPLAY MECHANISM FOR A TIMEPIECE PROVIDED WITH A SAFETY DEVICE

Title (de)

RETROGRADER UHRANZEIGEMECHANISMUS, DER MIT EINER SICHERHEITSVORRICHTUNG AUSGESTATTET IST

Title (fr)

MECANISME D'AFFICHAGE HORLOGER RETROGRADE MUNI D'UN DISPOSITIF DE SECURITE

Publication

EP 3913442 B1 20230517 (FR)

Application

EP 20175724 A 20200520

Priority

EP 20175724 A 20200520

Abstract (en)

[origin: US2021364989A1] A retrograde timepiece display mechanism for a watch including a wheel for displaying information, this display wheel being driven by a drive finger carried by a wheel driven by a horological movement, in order to change the information displayed by the retrograde timepiece display mechanism from one value to the immediately following value, this retrograde timepiece display mechanism including also an intermediate correction device to manually correct the information provided by the retrograde timepiece display mechanism by acting on a correction finger which drives the display wheel, the retrograde timepiece display mechanism also including a safety device arranged to allow blocking the intermediate correction device by preventing the correction finger from driving the display wheel during a period of time when the change in the information displayed by the retrograde timepiece display mechanism occurs and when the drive finger is engaged with the display wheel.

IPC 8 full level

G04B 19/02 (2006.01); **G04B 19/08** (2006.01); **G04B 27/00** (2006.01)

CPC (source: CN EP RU US)

G04B 19/00 (2013.01 - RU); **G04B 19/02** (2013.01 - EP US); **G04B 19/082** (2013.01 - US); **G04B 19/25366** (2013.01 - CN); **G04B 27/004** (2013.01 - EP US); **G04B 27/005** (2013.01 - EP US); **G04B 19/082** (2013.01 - EP)

Citation (examination)

- EP 1918792 B1 20100421 - LONGINES MONTRES COMP D [CH]
- EP 1134627 B1 20080514 - MANUFACTURE ROGER DUBUIS S A [CH]

Cited by

CH719977A1; EP4321939A1

Designated contracting state (EPC)

AL 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 RS SE SI SK SM TR

DOCDB simple family (publication)

EP 3913442 A1 20211124; EP 3913442 B1 20230517; CN 113703306 A 20211126; CN 113703306 B 20230113; JP 2021183960 A 20211202; JP 7143471 B2 20220928; RU 2761129 C1 20211206; US 12055895 B2 20240806; US 2021364989 A1 20211125

DOCDB simple family (application)

EP 20175724 A 20200520; CN 202110554602 A 20210520; JP 2021062632 A 20210401; RU 2021114020 A 20210518; US 202117198341 A 20210311