

Title (en)
RETROGRADE DISPLAY MECHANISM FOR A TIMEPIECE OF THE DRIVING TYPE PROVIDED WITH A LEVER FOR DISENGAGEMENT OF THE DISPLAY

Title (de)
RETROGRADER UHRANZEIGEMECHANISMUS VOM SCHLEPPZEIGERTYP, DER MIT EINER KUPPLUNGSWIPPE DER ANZEIGE AUSGESTATTET IST

Title (fr)
MÉCANISME D'AFFICHAGE HORLOGER RÉTROGRADE DE TYPE TRAÎNANT EQUIPÉ D'UNE BASCULE DE DÉBRAYAGE DE L'AFFICHAGE

Publication
EP 3989011 B1 20230614 (FR)

Application
EP 21200062 A 20210930

Priority
EP 20217232 A 20201224

Abstract (en)
[origin: CN114675522A] The invention relates to a drag-type bounce timepiece display mechanism equipped with a display break lever, arranged to display, in succession in a bounce manner, at least one first indication and at least one last indication which are distinct, comprising: -a display wheel; a display pinion and a fixed display wheel; -a pivoting holding element; a drive wheel; a return element; -a display disconnection lever; -the holding element and the display breaking lever are arranged such that, when the bounce-back timepiece display mechanism moves from the display of the last indication to the display of the next first indication, the holding element pivots, the display breaking lever is locked, such that the elastic strip becomes strained and the holding element is forced to be released from the teeth of the fixed display wheel; the return element is arranged in the rebound timepiece display mechanism such that stresses caused by the return element in the rebound timepiece display mechanism can be released and such that the rebound timepiece display mechanism can be returned in a rebound direction into its initial position, in which the rebound timepiece display mechanism displays a first indication.

IPC 8 full level
G04B 19/253 (2006.01); **G04B 19/08** (2006.01); **G04B 19/24** (2006.01)

CPC (source: CN EP US)
G04B 19/02 (2013.01 - US); **G04B 19/04** (2013.01 - US); **G04B 19/082** (2013.01 - EP); **G04B 19/24** (2013.01 - CN); **G04B 19/241** (2013.01 - EP); **G04B 19/2534** (2013.01 - EP)

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 3989011 A1 20220427; **EP 3989011 B1 20230614**; CN 114675522 A 20220628; EP 4020099 A1 20220629; JP 2022101476 A 20220706; JP 7274552 B2 20230516; US 2022206436 A1 20220630

DOCDB simple family (application)
EP 21200062 A 20210930; CN 202111607256 A 20211224; EP 20217232 A 20201224; JP 2021184493 A 20211112; US 202117494159 A 20211005