Title (en)

WAKE-UP MECHANISM AND TIMEPIECE COMPRISING SUCH A MECHANISM

Title (de)

AUFWECKMECHANISMUS UND UHR MIT EINEM SOLCHEN MECHANISMUS

Title (fr)

MECANISME DE REVEIL ET PIECE D'HORLOGERIE COMPORTANT UN TEL MECANISME

Publication

EP 3811159 A2 20210428 (FR)

Application

EP 19744847 A 20190607

Priority

- EP 18178910 A 20180620
- IB 2019054756 W 20190607

Abstract (en)

[origin: WO2019243942A2] The invention relates to a wake-up mechanism for a timepiece, which can be either in an activated state or in a deactivated state, and which comprises a striking mechanism, a barrel (14) having a mainspring and a rotary input/output member (79, 17), the mainspring being arranged so as to disarm by driving the striking mechanism as a result of a trigger of the latter, a manually controlled mechanism arranged to alternately activate and deactivate the wake-up mechanism, a trigger system arranged to control the triggering of the striking mechanism at a preprogrammed time, if the wake-up mechanism is in the activated state, and a winding of the striking mechanism comprising a control rod (117) and a disengageable kinematic link (119, 121, 125, 127, 129, 131) connecting the control rod to the input/output member (79, 17) of the barrel (14). The wake-up mechanism is characterized in that it further comprises means (59A, 133, 139, 143) for keeping the kinematic link disengaged when the wake-up mechanism is in the activated state.

IPC 8 full level

G04B 23/02 (2006.01); **G04B 23/12** (2006.01)

CPC (source: EP)

G04B 23/02 (2013.01); **G04B 23/021** (2013.01); **G04B 23/12** (2013.01)

Citation (search report)

See references of WO 2019243942A2

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2019243942 A2 20191226; **WO 2019243942 A3 20200514**; EP 3811159 A2 20210428; EP 3811159 B1 20231018

DOCDB simple family (application)

IB 2019054756 W 20190607; EP 19744847 A 20190607