

Title (en)
ANNUAL DATE MECHANISM

Title (de)
JAHRESKALENDERMECHANISMUS

Title (fr)
MÉCANISME DE QUANTIÈME ANNUEL

Publication
EP 3776095 B1 20220309 (FR)

Application
EP 19708901 A 20190213

Priority
• EP 18165750 A 20180404
• IB 2019051143 W 20190213

Abstract (en)
[origin: WO2019193430A1] The calendar mechanism has a date mobile (19) provided with toothset of 31 teeth, a drive mobile (13) that is designed to drive the date mobile (19) and bears a first finger (15) and a second finger (17) that are offset angularly and in terms of height, the first finger being designed to drive one of the teeth of the date mobile (19) one step every day. A month cam (25), which is mounted so as to pivot freely concentrically with the date mobile (19) is designed to turn through a twelfth of a turn for each turn carried out by the date mobile. The date mobile bears a lever (27) provided with a forward-driving tooth (29) and a rearward-driving tooth (31), the lever being designed to take up either an active position or an inactive position depending on the angular position of the month cam (25), the forward-driving tooth (29) being designed to be located on the path of the second finger (17) of the drive mobile (13) when the lever (27) is in the active position and the calendar mechanism is displaying "30", and the rearward-driving tooth (31) being designed to be located on the path of the second finger (17) of the drive mobile (13) when the lever (27) is in the active position and the calendar mechanism is displaying "31".

IPC 8 full level
G04B 19/253 (2006.01)

CPC (source: EP)
G04B 19/2536 (2013.01)

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 3550382 A1 20191009; EP 3776095 A1 20210217; EP 3776095 B1 20220309; WO 2019193430 A1 20191010

DOCDB simple family (application)
EP 18165750 A 20180404; EP 19708901 A 20190213; IB 2019051143 W 20190213