

Title (en)

TIMEPIECE DISPLAY MECHANISM WITH MULTIPLE JUMP

Title (de)

UHR-ANZEIGEMECHANISMUS MIT MEHRFACHEM UMSPRINGEN

Title (fr)

MÉCANISME D'AFFICHAGE D'HORLOGERIE À SAUT MULTIPLE

Publication

EP 4016196 B1 20240821 (FR)

Application

EP 20216197 A 20201221

Priority

EP 20216197 A 20201221

Abstract (en)

[origin: CN114647175A] One aspect of the invention relates to an augmented jump timepiece display mechanism (100) comprising a continuously rotating control wheel (2) arranged to drive an indicator wheel (3) carrying a display (11), i.e., to directly drive the indicator wheel (3) at a value of a base pitch PE by direct or indirect continuous cooperation between the control wheel (2) and the indicator wheel (3), or indirectly driving the indicator wheel (3) in at least one disengagement position via an augmentation mechanism (50) by incorporating means for disengagement of the base pitch drive mechanism, the augmentation mechanism (50) driving the indicator wheel (3) at an augmentation pitch PM greater than the base pitch PE or a multiple of the base pitch PE.

IPC 8 full level

G04B 19/253 (2006.01)

CPC (source: CN EP KR US)

G04B 19/02 (2013.01 - KR US); **G04B 19/042** (2013.01 - KR); **G04B 19/20** (2013.01 - KR); **G04B 19/241** (2013.01 - US);
G04B 19/253 (2013.01 - CN KR); **G04B 19/2536** (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 4016196 A1 20220622; EP 4016196 B1 20240821; CN 114647175 A 20220621; JP 2022098430 A 20220701; JP 7238069 B2 20230313;
KR 20220089630 A 20220628; US 2022197220 A1 20220623

DOCDB simple family (application)

EP 20216197 A 20201221; CN 202111607881 A 20211217; JP 2021172159 A 20211021; KR 20210167467 A 20211129;
US 202117501102 A 20211014