

Title (en)
RETROGRADE DISPLAY MECHANISM FOR A CLOCK MOVEMENT

Title (de)
RETROGRADER ANZEIGEMECHANISMUS FÜR UHRWERK

Title (fr)
MECANISME D'AFFICHAGE RETROGRADE POUR MOUVEMENT HORLOGER

Publication
EP 3070538 B1 20200311 (FR)

Application
EP 15159757 A 20150318

Priority
EP 15159757 A 20150318

Abstract (en)
[origin: WO2016146720A1] The invention relates to a display mechanism, for a clock movement, including a first display mobile (66) supporting a first retrograde display member (18) as well as a retrograde drive device comprising: a counting mobile (4) driven by a driving mobile (2); a transmission mobile (16) engaging with the counting mobile (4) and a resilient return member (12), so as to move alternatively in a first direction of movement during a first operating phase and in a second, opposing direction of movement, during a second operating phase, and also engaging with the first display mobile (66), via a first toothed sector. The transmission mobile (16) includes at least one additional toothed sector having a kinematic link with an additional display mobile (68) intended for supporting an additional retrograde display member (20), so that the display members (18, 20) are synchronised.

IPC 8 full level
G04B 19/02 (2006.01); **G04B 19/08** (2006.01); **G04B 45/00** (2006.01)

CPC (source: EP)
G04B 19/02 (2013.01); **G04B 19/082** (2013.01); **G04B 45/0007** (2013.01); **G04B 45/0061** (2013.01)

Citation (examination)
CH 706767 A2 20140131 - RICHEMONT INT SA [CH]

Cited by
CH712875A1; US2017242400A1; US10222749B2; CH714222A1; EP3185084A1; EP3570119A1; CN110501893A; US10444708B2; EP3223084A1; US10048650B2; US10545460B2

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 3070538 A1 20160921; **EP 3070538 B1 20200311**; WO 2016146720 A1 20160922

DOCDB simple family (application)
EP 15159757 A 20150318; EP 2016055752 W 20160317