

Title (en)
TIMEPIECE SEQUENCER MECANISM WITH RECESS WHEEL HAVING A REDUCED MECHANICAL FRICTION

Title (de)
UHR SEQUENZER MIT DURCHGANGSRAD MIT VERRINGERTER MECHANISCHER REIBUNG

Title (fr)
MÉCANISME SÉQUENCEUR D'HORLOGERIE À ROUE DE PASSAGE À FROTTEMENT RÉDUIT

Publication
EP 3182225 B1 20180808 (FR)

Application
EP 15201245 A 20151218

Priority
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Abstract (en)
[origin: JP2017111130A] PROBLEM TO BE SOLVED: To provide a wheel in which mechanical friction is reduced for a clock.SOLUTION: A sequencer mechanism 100 comprises an engagement wheel set 1 which is rotated and driven, the first engagement wheel set 1 comprises peripheral edge holding surfaces 11 which are formed into a regular shape or which have respectively regular and uniform magnetic polarity, for holding a facing receiver wheel set 2 so that the receiver wheel set 2 cannot rotate, the receiver wheel set 2 is a wheel for reducing friction and comprises on its peripheral edge part, second stop elements 21. The second stop elements 21 are idle roller or magnets respectively comprising a same polarity and at least one of the second stop elements cooperates with the holding surface as a pair, on both sides of a plane passing both centers of the two wheel sets, and the first engagement wheel set 1 comprises driving surfaces 12. The driving surfaces 12 comprise irregular irregularity parts or comprise magnetization in opposite sides and arranged so as to drive rhythmically the receiver wheel set 2. A clock mechanism 500 comprising the sequencer mechanism 100 is also provided.SELECTED DRAWING: Figure 11

IPC 8 full level
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