

Title (en)

TIMEPIECE COMPRISING AN AUTOMATON CAPABLE OF REPRODUCING WING BEATS

Title (de)

UHR, DIE EINEN AUTOMAT UMFASST, DER IN DER LAGE IST, FLÜGELSCHLAGEN ZU REPRODUZIEREN

Title (fr)

PIÈCE D'HORLOGERIE COMPRENANT UN AUTOMATE CAPABLE DE REPRODUIRE DES BATTEMENTS D'AILES

Publication

EP 3376307 B1 20210623 (FR)

Application

EP 17161685 A 20170317

Priority

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Abstract (en)

[origin: US2018267477A1] A timepiece including a dial defining an XY plane, an automaton disposed above the dial, the automaton having at least one first member and one second member, which are articulated in order to reproduce beating movements, and a driving mechanism of the automaton. The first member is provided in order to pivot about a first axis which is non-parallel to the XY plane and the second member is provided in order to pivot about a second axis which is different from the first axis. The driving mechanism of the automaton includes actuators of the first and second members, provided in order to make the first and second members respectively pivot according to non-symmetrical pivoting movements and in order to coordinate the pivoting movements of the first and second members so that the combination thereof gives a beating effect of the first and second members.

IPC 8 full level

G04B 25/06 (2006.01); **G04B 45/00** (2006.01); **G04B 47/04** (2006.01)

CPC (source: CH CN EP RU US)

G04B 5/206 (2013.01 - CN); **G04B 25/06** (2013.01 - EP RU US); **G04B 45/0038** (2013.01 - CH EP RU US); **G04B 45/0046** (2013.01 - US); **G04B 47/04** (2013.01 - CH EP RU US); **G04B 47/044** (2013.01 - EP RU US)

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