

Title (en)

MOON PHASE INDICATOR MECHANISM FOR A WATCH MOVEMENT

Title (de)

MONDPHASEN-INDIKATORMECHANISMUS FÜR EINEN UHRENANTRIEBSMECHANISMUS

Title (fr)

MECANISME INDICATEUR DES PHASES DE LA LUNE POUR UN MOUVEMENT DE MONTRE

Publication

EP 1692574 B1 20090708 (FR)

Application

EP 04797259 A 20041122

Priority

- CH 2004000702 W 20041122
- FR 0314215 A 20031203

Abstract (en)

[origin: WO2005054962A1] The invention relates to a moon phase indicator mechanism which is intended for a time piece. The inventive mechanism comprises: two, and only two, disks, namely a lower disk (11) having a colour that is representative of the moon and an upper disk (12) having a colour representative of darkness; and control means (14, 17, 20, 23, 26) which are driven by the movement of the piece in order cyclically to move at least one of the aforementioned two disks at each lunation such that the initially-fully-uncovered lower disk (11) is successively and progressively covered by the upper disk (12) and, subsequently, when fully covered, is progressively uncovered until it is fully uncovered once again. The above-mentioned control means are arranged such that (i) at the end of the lunation, the two disks (11, 12) are disposed, by means of a rapid retrograde motion, in the position that they occupied at the beginning of the cycle and (ii) the disks are moved in the opposite direction in an essentially-symmetrical manner.

IPC 8 full level

G04B 19/26 (2006.01)

CPC (source: EP)

G04B 19/268 (2013.01)

Cited by

WO2023217830A1

Designated contracting state (EPC)

CH DE ES FR IT LI

DOCDB simple family (publication)

FR 2863368 A1 20050610; FR 2863368 B1 20060303; DE 602004021960 D1 20090820; EP 1692574 A1 20060823; EP 1692574 B1 20090708; WO 2005054962 A1 20050616

DOCDB simple family (application)

FR 0314215 A 20031203; CH 2004000702 W 20041122; DE 602004021960 T 20041122; EP 04797259 A 20041122