

Title (en)

Timepiece fitted with a mechanism showing the phases of the moon

Title (de)

Mit einem Mechanismus zur Anzeige von Mondphasen ausgerüstete Uhr

Title (fr)

Pièce d'horlogerie munie d'un mécanisme d'affichage des phases de lune

Publication

EP 1870785 B1 20090812 (FR)

Application

EP 06405266 A 20060622

Priority

EP 06405266 A 20060622

Abstract (en)

[origin: EP1870785A1] The timepiece has a circular cam (11) with a section presenting two bends, whose respective distances from a swivel pin of a mobile (9) vary continuously. The bends have ends (11a, 11b) located on a diameter of the mobile to communicate continuous oscillation to a cam follower (12). An index or hand is integrated to a pinion (13) and mounted opposite to a moon cycle scale centered on an axis of the pinion, where an angular extension of the scale corresponds to an amplitude of the oscillation of the pinion connected with a toothed sector (12b) and to a semi period of a moon cycle.

IPC 8 full level

G04B 19/26 (2006.01)

CPC (source: EP)

G04B 19/268 (2013.01)

Cited by

WO2011113170A1; JP2015152365A; JP2014235094A; CH702842A1; CN103003759A; CN104834205A; DE112011100926T5; DE112011100926B4

Designated contracting state (EPC)

CH DE FR GB LI

DOCDB simple family (publication)

EP 1870785 A1 20071226; EP 1870785 B1 20090812; DE 602006008445 D1 20090924

DOCDB simple family (application)

EP 06405266 A 20060622; DE 602006008445 T 20060622