Title (en)

Mechanism for indication of the lunar phases

Title (de)

Mondphasenanzeigemechanismus

Title (fr)

Mécanisme d'indication des phases de la lune

Publication

EP 2392976 B1 20210825 (FR)

Application

EP 11166164 A 20110516

Priority

CH 8602010 A 20100601

Abstract (en)

[origin: EP2392976A2] The indication mechanism has at least one first occultation disk (2.1) housed rotatably, at least on part, between a moon disk (1) and a dial. A gear train (4) drives the first occultation disk in such a way that the indications (1.1,1.2) inscribed on the moon disk are obscured, at least in part, during specific phases of operation of the indication mechanism in such a manner that the indications appearing through the semi-circular aperture of the dial correspond to the natural appearance of the moon during the entire lunation. The moon disk is rotated to display the indications inscribed on the moon disk through the aperture of the dial to indicate the lunar phases. The first occultation disk is configured depending on its position in the indication mechanism or the shape of the aperture of the dial, so as to be provided with arms and apertures of specific shape. The first occultation disk is arranged non-concentrically relative to the moon disk. The first occultation disk and a second occultation disk (2.2) are housed on either side of the moon disk.

IPC 8 full level

G04B 19/26 (2006.01)

CPC (source: EP US)

G04B 19/26 (2013.01 - EP US); **G04B 19/268** (2013.01 - EP US)

Cited by

CN113093504A; EP2853957A1; EP3098671A1; US9594351B2; US11874632B2; EP3842875A1; CN113093505A; JP2016224033A; EP3379343A1; US11940760B2; EP4006651A1; US12025954B2

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DOCDB simple family (publication)

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