

Title (en)
MECHANISM FOR DISPLAYING PHASES OF THE MOON

Title (de)
MONDPHASEN-ANZEIGEMECHANISMUS

Title (fr)
MECANISME D'AFFICHAGE DE PHASES DE LUNE

Publication
EP 4006651 B1 20240626 (FR)

Application
EP 21206648 A 20211105

Priority
CH 15262020 A 20201130

Abstract (en)
[origin: US2022171340A1] A display mechanism for n moonphases for a timepiece, where $n \geq 3$, includes a first wheel and pinion having a night-time background and a portion of lunar background and a second wheel and pinion superposed on the first, the second having a night-time background and moonphase profiles, with the first and second pivoting about one axis. The first wheel and pinion is driven at a constant velocity, and that the second can be driven in rotation at the same velocity and direction as the first during a moonphase display period during which a portion of lunar background of the first and a moonphase profile of the second corresponding to the moonphase to be displayed are superposed, revealing the moonphase. The second wheel and pinion is offset from the first by a repositioning angle during a transitional period between the current and following display periods, revealing the following moonphase.

IPC 8 full level
G04B 19/26 (2006.01)

CPC (source: CH CN EP US)
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Cited by
WO2024089541A1

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