

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)  
**G04B 19/268** (2013.01 - CH CN EP US)

Cited by  
WO2024089541A1

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
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