

Title (en)  
Mechanism for display of lunar phase

Title (de)  
Mechanismus zur Anzeige der Mondphasen

Title (fr)  
Mécanisme pour montrer la phase de la lune

Publication  
**EP 1445672 A1 20040811 (DE)**

Application  
**EP 03002811 A 20030207**

Priority  
EP 03002811 A 20030207

Abstract (en)  
The mechanism has an upper disk, the moon display disk (1), and a concentric lower disk, the moon disk (2), whereby one of these disks is attached to the other so as to be rotatable relative to it. The moon display disk has two windows (1a,1b) for taking into account the different appearance of the phases of the moon in the northern and southern hemispheres of the earth in the display. An independent claim is also included for the following: (a) a clock with an inventive mechanism for displaying phases of the moon.

Abstract (de)  
Die vorliegende Erfindung betrifft einen Mechanismus zur Anzeige der Mondphasen mit einer oberen Scheibe, der Mondanzeigescheibe (1), und einer konzentrisch zu dieser angebrachten unteren Scheibe, der Mondscheibe (2), wobei eine dieser Scheiben relativ zur anderen drehbar angebracht ist. Die Mondanzeigescheibe (1) weist zwei Fenster (1 a, 1 b) auf, um den unterschiedlichen Aspekt der Mondphasen auf der Nord- und Südhemisphäre der Erde in der Anzeige zu berücksichtigen. <IMAGE>

IPC 1-7  
**G04B 19/26**

IPC 8 full level  
**G04B 19/26** (2006.01)

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

Citation (search report)  
• [A] CH 281195 A 19520229 - DAMIANI ANTOINE B [JO]  
• [A] US 4548512 A 19851022 - ERARD RAOUL-HENRI [CH]  
• [A] CH 688171G A3 19970613 - PATEK PHILIPPE SA [CH]  
• [A] ROUGNON-GLASSON M: "LES INDICATEURS DE PHASES DE LUNE", LA FRANCE HORLOGERE, SOCIETE MILLOT ET CIE. BESANCON, FR, no. 519, 1991, pages 68 - 70, XP000168194, ISSN: 0015-9573

Cited by  
US7609587B2; EP1708049A2

Designated contracting state (EPC)  
AT CH DE FR GB IT LI

DOCDB simple family (publication)  
**EP 1445672 A1 20040811; EP 1445672 B1 20100407**; AT E463767 T1 20100415; CH 1445672 H1 20140115; CN 100390685 C 20080528; CN 1519669 A 20040811; DE 50312586 D1 20100520; HK 1065119 A1 20050208; JP 2004239912 A 20040826; JP 4339712 B2 20091007; US 2004156269 A1 20040812; US 6928032 B2 20050809

DOCDB simple family (application)  
**EP 03002811 A 20030207**; AT 03002811 T 20030207; CH 03002811 T 20030207; CN 200310116516 A 20031114; DE 50312586 T 20030207; HK 04107785 A 20041009; JP 2004031561 A 20040209; US 68896903 A 20031021