

Title (en)  
Annual calendar mechanism for clockwork-movement

Title (de)  
Jährlicher Kalendermechanismus für Uhrwerk

Title (fr)  
Mécanisme de quantième annuel pour mouvement d'horlogerie

Publication  
**EP 1335253 A1 20030813 (FR)**

Application  
**EP 02405094 A 20020211**

Priority  
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Abstract (en)  
The annual date mechanism for a clock movement includes a correction cam (1a) which is linked to the indicator. This includes a portion comprising a correction balance, which is designed to advance the date by one step from 31 to 1 at the end of the month. The correction balance is spring biased. The annual date display mechanism includes a correction cam (1a) in mechanical linkage with a mobile date indicator (1). The correction cam is annular in shape, and is concentric with the mobile date indicator. A correction balance (8) is in contact on the one hand with the correction cam (1a), and on the other hand with an annual cam (18). A spring (9) presses the correction balance (8) against the cams (1a, 18). The correction cam (1a) comprises a portion (1a) to arm the spring (9), followed by a portion (1a\*) of a size to cause the displacement of the date wheel indicator (1) by one step between the 31 and the 1 under the pressure of the spring (9).

Abstract (fr)  
Ce mécanisme de quantième annuel comprend une came de correction (1a) en liaison cinématique avec un mobile indicateur de quantième (1), une bascule de correction (8) en prise d'une part avec ladite came de correction (1a) et d'autre part, avec une came annuelle (18). Un ressort (9) presse la bascule de correction (8) contre les cames (1a, 18). La came de correction (1a) comporte une portion (1a') pour armer ledit ressort (9) suivie d'une portion (1a\*) dimensionnée pour provoquer le déplacement d'un pas dudit mobile de quantième (1) entre le "31" et le "1" sous la pression dudit ressort (9). <IMAGE>

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**G04B 19/24**

IPC 8 full level  
**G04B 19/253** (2006.01)

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• [A] DE 205445 C  
• [A] US 3673789 A 19720704 - TSUZUKI AKIRA, et al

Cited by  
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