

Title (en)  
CALENDAR DATE MECHANISM

Title (de)  
KALENDERMECHANISMUS

Title (fr)  
MECANISME DE QUANTIEME

Publication  
**EP 1379924 A1 20040114 (FR)**

Application  
**EP 02713987 A 20020417**

Priority  
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Abstract (en)  
[origin: EP1251412A1] The month indicator (22) is divided into equal sectors with a sector for 31 day months and two sectors for months less than 31 days. It has a wheel (48) which has as many teeth as the sector indicator (22). The wheel (48) is connected to the day of month wheel (18) by a third kinematic link (28,46) and to the day of month indicator by a second kinematic link (24,36,37,48). The date mechanism includes: (a) a date wheel (18) driven by the watch movement, which makes one revolution in 24 hours; a day of month indicator (20) fitted with thirty one teeth and controlled by the date wheel (18); a first kinematic link (30,38), temporarily connecting, at the moment of change to next day, the wheel (18) to the indicator (20), so as to ensure a one step advance of the latter; a month indicator (22), and; a second kinematic link 24,36,37,48) temporarily connecting, at the end of each month, the indicator (20) to the month indicator (22) to ensure a one step advance of the latter at the end of each month; in addition a third kinematic link (28,46), temporarily connects the wheel (18) to the indicator (22), at the end of 31 day months and after the second link has ensured a one step drive of the indicator (22), so as to drive at least a supplementary step for the indicator (22), and via the second link (24,36,37,48), the indicator (20).

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