

ABSTRACT

ANNUAL CALENDAR MECHANISM FOR A TIMEPIECE

5 The invention concerns an annual calendar mechanism, including:

- a date ring (10) including a lug (30) and 31 teeth (32), and a date wheel set (12) arranged for rotating the date ring (10) through one step per day,
 - an intermediate wheel set (16, 56) cooperating with said lug (30) such that the date wheel set (12) drives the intermediate wheel set (16) through a
10 first step when the date passes from the 30th to the 31st of the month, via the date ring (10),
 - an annual wheel set (14) meshed with the intermediate wheel set (16) and cooperating with the date wheel set (12),
- said date (12), intermediate (16) and annual (14) wheel sets being arranged
15 such that said date wheel set (12) drives the intermediate wheel set (16) through a second step when the date passes from the 31st to the 1st of the month, for the months of 31 days, via the date ring (10), and such that said date wheel set (12) drives the intermediate wheel set (16) through a second step after the date has passed from the 30th to the 31st of the month, for the
20 months of less than 31 days, via the annual wheel set (14), the intermediate wheel set (16) then driving the date wheel ring (10).

The mechanism further includes a month indicator ring (52) cooperating with the intermediate wheel set (16), the intermediate wheel set (16) being arranged for rotating the month ring (52) at least to the second step.

25 Figure 2