

ABSTRACT

MECHANISM DISPLAYING VALUES IN VARIABLE CYCLES.
PARTICULARLY IN A LUNISOLAR CALENDAR

The invention concerns particularly a lunar month display mechanism, for a lunisolar calendar mechanism, particularly in a timepiece. The mechanism includes concentrically a plate (207), which determines the position of the additional month in
5 the bissextile years. The plate is provided with a hand (216) associated with a scale of twelve months and carries a planetary wheel (208) permanently braked by a restraining device. The drive wheel, driven over one twelfth of a revolution at each new moon, meshes with the planetary wheel and thus moves the plate and the hand forward. At the start of a bissextile month, the stop finger (210) forms a stop member
10 for stop elements (209) of the planetary wheel and thus forces the wheel to rotate overcoming the force of the restraining device while the drive wheel (201) is rotating, such that the hand remains close to the number of the preceding month. The position of the stop finger is determined by a year cam (215) whose shoulders (216) can have twelve different levels. This mechanism can be used in particular in a Chinese
15 calendar display.

Figure 1