

Title (en)

ASTRONOMICAL CLOCK, A VISIBLE PART OF WHICH SIMULATES THE MOVEMENT OF AN ASTRAL BODY

Publication

EP 0397028 B1 19921104 (FR)

Application

EP 90108362 A 19900503

Priority

CH 172089 A 19890508

Abstract (en)

[origin: EP0397028A1] The earth ring (8) carries the lunar disc (9) which pivots in a hollow of the surface (8a). At its outer periphery, it has a toothing (17) for driving by the final gear (15) of the step-by-step transmission gear train (15, 24, 12). The drive gear (12) is moved by one step per day from the day wheel. The pinion (20) of the lunar disc (9) is in engagement with the outer toothing (22) which is normally fixed but may be displaced by means of the correction device controlled by the rod (30) when it rotates in a predetermined direction. The same correction device also permits action on the transmission train (12, 14, 15, 17). The rod (30) is then driven in a direction opposite to the abovementioned direction, which displaces the reverser (36) and permits the correction of the position of the lunar disc (9) relative to the earth ring (8), the latter normally effecting one revolution on itself over twelve months and the lunar disc (9) effecting a complete revolution over approximately 29.5 days. <IMAGE>

IPC 1-7

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IPC 8 full level

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CPC (source: EP US)

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