

Title (en)

MECHANISM FOR POSITIONING A CENTRE WHEEL

Publication

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Application

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Priority

FR 7928761 A 19791116

Abstract (en)

[origin: US4408898A] The invention provides a positioning mechanism for a center wheel in a timepiece enabling precision positioning for the seconds or minutes hand relative to the dial divisions. It comprises a jumper spring (1) friction mounted onto the base plate and cooperating with the teeth (3) of the center wheel (4) and a wheel member (29) interposed between the center wheel (4) and the motor pinion (14). The wheel member includes a pinion (17) meshing with the center wheel as well as a gear (16) friction mounted relative to said pinion and meshing with the motor pinion. The positioning method consists of immobilizing the motor pinion then turning the center wheel to bring the end of the jumper spring into coincidence with a tooth space thereof. The invention is employed to position exactly the seconds or minutes hand of an electronic timepiece having a stepping motor.

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