

ABSTRACT

CONTROL DEVICE WITH A SNAP FUNCTION AND WATCH FITTED THEREWITH

The control device with a snap function includes a support (10), a push-button (12) mounted so as to move in translation along an axis on the support, and a spring element (14) which is not secured to the support or to the push-button. The spring element (14) is formed of an elongated sheet made of resilient material, inserted
5 between the push-button (12) and the support (10), and includes a pair of support zones (36) located at its ends and at least a median support zone arranged in its central portion. These support zones cooperate respectively with the head (28) of the push-button and with a raised surface (24c) of the support. In the rest position, the sheet has a bent or V-shaped cross section , which can deform to create a snap action
10 during the travel of the push-button which tends to bend the spring element longitudinally. Such a device can be applied to control a mechanical or electrical function of a watch or another apparatus of small size.

Figure 3