

Title (en)  
Switch disc of a timer.

Title (de)  
Zeitscheibe einer Schaltuhr.

Title (fr)  
Quadrant d'interrupteur horaire.

Publication  
**EP 0461532 B1 19940831 (DE)**

Application  
**EP 91109151 A 19910605**

Priority  
DE 9006564 U 19900611

Abstract (en)  
[origin: EP0461532A1] A timer switch disc (11), whose end edge (13) is surrounded in the form of an elastic bracket by U-shaped switch riders (14), is intended to be designed, in the case of a radially confined construction and manually good accessibility to the switch rider handles (51), such that, both in the end view (55) and in the radial view (56), the instantaneous functional position of the individual switch riders (14) can easily be identified, which riders are intended to be guided on the switch disc (11) such that they cannot tilt even during the transition between the two functional positions. To this end, the switch disc (11) in outline has the shape of the shell of a bell (12), which opens to the rear and has tongue-and-groove guidance of the inner and outer limbs (39, 40) of a switch rider (14), which can be displaced in each case approximately parallel to the disc rotation axis (17), along the inner or outer rearward outline shell surfaces of the bell (24, 22); a projection (49), which is at the same time used as a direction lock and as a functional position latching tab, lifts along an oblique surface (19) on the shell of the bell (12), depending on the axial functional position of the free end (53) (which projects towards the visible end surface (16) of the switch disc (11)) of the outer rider limb (40), in addition to the movement parallel to the axis with respect to the disc end surface (16), more or less far from the disc edge surface (18) behind it.  
<IMAGE>

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IPC 8 full level  
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