a 2016 0155

The invention relates to means for controlling unauthorized access to protected objects, namely to cable seals and sealing methods.

The cable seal, according to one embodiment, comprises a body (1), in which are made parallel to each other a blind longitudinal channel (2) for rigidly fixing one end of the cable (3) and two through longitudinal channels (4 and 5) with mechanisms (6 and 7) for locking therein the cable (3). On the perimeter of the lower part of the body (1) are made end projections with longitudinal grooves and lateral L-shaped protrusions (8 and 9). The seal still includes a mechanism for blocking access to the loop (A), formed by the cable (3) between the through channels (4 and 5), which consists of a crossbar (10) with a ratchet (11), mounted with the possibility of sliding along the longitudinal grooves and locking the opening formed between the ends of the side (8 and 9) and end protrusions. On the lower part of the body (1) are made ribs (12) for engaging the fins of the ratchet (11). At the same time, in the lower part of the crossbar (10) can be made a protrusion. According to another embodiment, the mechanism for blocking access to the loop (A) includes a cover, pivotally fixed to the end of a side protrusion and provided with an elastic latch, and a locating fixture.

The sealing process using the cable seal comprises blocking access to the loop (A) by acting on the crossbar (10) until a permanent engagement is obtained between the ratchet (11) fins and the ribs (12) on the body (1), according to one embodiment, and by pressing the cover up to an all-in-one-piece fixation of the latch, according to another embodiment.

Claims: 6
Fig.: 6