

Title (en)
PADLOCK

Title (de)
VORHANGSCHLOSS

Title (fr)
CADENAS

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Application
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Abstract (en)
[origin: WO2006032416A1] The invention relates to a padlock consisting of a lock casing body and a lock shackle, the ends of said shackle being received in recesses in the lock casing body. A first shackle end comprises a return gap for blocking the movement of the shackle in the locked state, and a second shackle end comprises a groove for defining the movement of the shackle in the opened state. Furthermore, an inwardly extending recess oriented parallel to the shackle ends and used to receive an entire standard locking cylinder, especially a standard half locking cylinder, is provided in the bottom region of the lock casing body, opposing the lock shackle. According to the invention, a displaceable and/or pivotable actuating element is provided in the displacement path of the lock bit of the standard locking cylinder. A first displacement part and a second displacement part are arranged inside a borehole used as a guide or a recess of the lock casing body, essentially perpendicularly to the longitudinal axis of the standard locking cylinder and adjacent to the same. The facing inner ends of the displacement parts are each provided with a bevel in such a way that, when the actuating element is displaced in relation to the lock bit, it hits the bevels, converting the lock bit pivoting movement into a longitudinal movement of the displacement parts. Furthermore, a blocking return gap is provided in the second shackle end of the lock shackle, opposing the return gap in the first shackle end. The first and second displacement parts respectively comprise a recess on the ends thereof opposing the bevels, said recesses corresponding to the dimensions of the respective shackle end. The displacement parts are elastically prestressed in the direction of the bevels, and when the lock bit is located at a distance from the actuating element, the actuating element releases the bevels such that the respective displacement parts can engage, in the region of the recesses thereof, in the respective blocking return gaps of the shackle ends.

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