

claims

1. A lock for locking of cabinets, vaults and different machines, which lock has a lock frame (1), which comprises a bolt (2), and in connection with the lock frame has been arranged a lock cylinder (3), which lock frame additionally comprises a power
5 transmission mechanism (4) between the lock cylinder and the bolt, **characterized** in that a front part (4A) of the lock cylinder comprises a drilling protection (5) and a rear part (4B) of the lock cylinder comprises a latch (6),
and the power transmission mechanism comprises a transmission lever (7) and said latch,
10 which transmission lever is connected to the latch (6) in a rotating manner at a first point (7A) of the transmission lever and connected to the bolt (2) in a rotating manner at a second point (7B) of the transmission lever,
which transmission lever additionally comprises a retaining protrusion (8), and the bolt comprises a locking pin (9) and the lock frame comprises a hole (10) for the locking
15 pin, which locking pin (9) is spring-loaded out of the bolt (2), towards the hole (10) in the locking position of the bolt, and which retaining protrusion (8) is arranged to be against the locking pin (9) in the normal use of the lock, preventing an end (9A) of the locking pin from moving into the hole (10),
both the connection of the lock cylinder (3) to the lock frame (1) and the connection
20 of the transmission lever (7) to the bolt (2) is arranged to allow movement of the lock cylinder (3) and the power transmission mechanism (4) in the direction of the longitudinal axis of the lock cylinder,
which lock additionally comprises a spring (11), which is arranged to keep the lock cylinder (3) and power transmission mechanism (4) in place in the direction of the
25 longitudinal axis of the lock cylinder (3) in normal use of the lock and to allow movement in the direction of the longitudinal axis due to an external hit or drilling of the lock cylinder (3), whereby the movement in the direction of the longitudinal axis moves the retaining protrusion (8) away from the locking pin (9), whereby the end (9A) of the locking pin moves into the hole (10) in the locking position of the bolt (2).

2. The lock according to claim 1, **characterized** in that the bolt has a space (12), which has a second spring (13) and the locking pin (9), which second spring pushes the locking pin out of the bolt (2).

3. The lock according to claim 2, **characterized** in that a surface (2A) of the bolt
5 comprises a side groove (14), which extends into the space (12), and via which side groove the retaining protrusion (8) is against the locking pin (9) in normal use of the lock.

4. The lock according to claim 3, **characterized** in that there is an axis pin joint (15)
10 between the transmission lever (7) and the latch (6), which has an axis pin (16) and a hole (17), in which axis pin joint the axis pin is placed in the hole, which axis pin joint (15) is arranged to stay during movement in the direction of the longitudinal axis of the lock cylinder (3), whereby also the transmission lever (7) moves in the direction of the longitudinal axis of the lock cylinder.

5. The lock according to claim 4, **characterized** in that there is a second axis pin
15 joint (16A) between the transmission lever (7) and the bolt (2), which has a second axis pin (17A) and a second hole (18), in which joint the axis pin is placed in the hole, which second axis pin joint (16A) is arranged to allow movement of the transmission lever (7) in relation to the bolt (2) in the direction of the longitudinal axis of the lock cylinder.

6. The lock according to claim 5, **characterized** in that the connection between the
20 latch (6) and the transmission lever (7) is a toggle joint arrangement, which arrangement is in locking mode when the bolt (2) is in the locking position.

7. The lock according to any of the claims 1 - 6, **characterized** in that the drilling protection (5) is made of tempered metal.

8. The lock according to any of the claims 1 - 7, **characterized** in that it comprises
25 a torsion link (21) by the lock cylinder (3), which torsion link is arrangeable to extend from the lock through the wall of the cabinet, vault or machine to the other side.

9. The lock according to claim 8, **characterized** in that the torsion link (21) comprises a key end (22), which extends to the lock cylinder (3).