

Title (en)
Padlock.

Title (de)
Langbügelschloss.

Title (fr)
Cadenas.

Publication
EP 0340750 B1 19940907 (DE)

Application
EP 89108017 A 19890503

Priority
DE 3815584 A 19880506

Abstract (en)
[origin: US4881387A] In the case of a long shackle lock, the end portions of the lock shackle are inserted into housings in a lock body. When this happens, they act on lock control sleeves pushing them out of a lock influencing position into a lock releasing position. The lock bolts move into the engaged position, i.e. in engagement with engagement surfaces on the end portions. The lock cylinder which controls the lock bolts moves into its basic position. The key can be withdrawn. To undo the lock, the lock cylinder is turned into a lock opening condition by the key which will then have been re-inserted. When this happens, the lock bolts are retracted into a disengaged position. The control sleeves then push the end portions at least partially out of the housings. The control sleeves move into the bolt influencing position. Therefore, the lock bolts remain in the disengaged position until the end portions are again inserted into the housings (FIG. 1). To close the lock, all that is needed is to insert the shackle arm end portions into the housings whereupon the key can be withdrawn at once without having been rotated first. The key can only be withdrawn after the end portions have been inserted into the housings until they reach the closed position and have been interlocked.

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E05B 67/24

IPC 8 full level
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