Title (en)

LOCK FOR A HATCH OR A DOOR

Title (de)

SCHLOSS FÜR EINE KLAPPE ODER TÜR

Title (fr)

SERRURE POUR UN COFFRE OU UNE PORTE

Publication

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Application

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Abstract (en)

[origin: CA2872068A1] The aim of the invention is to design a door lock or flap lock which can be easily and reliably opened with little effort. Said aim is achieved by a door lock or flap lock comprising a locking mechanism that consists of a latch and at least one pawl for locking the latch. The lock further comprises a triggering lever which, upon being actuated, allows the locked locking mechanism to be unlocked. The lock also comprises a spring for moving the pawl in the direction of the locking position. The triggering lever is designed in such a way that the actuation thereof at least reduces, preferably altogether cancels the spring force acting on the pawl, i.e., when the triggering lever is actuated, the spring force that presses the pawl in the direction of the locking position decreases at least. Since such a force makes it difficult to unlock a locking mechanism, actuating the triggering lever at least reduces or altogether does away with said difficulty when the spring force is canceled entirely. As a result of the fact that the triggering lever has two functions, the number of parts can be kept to a minimum. Advantageously, the lock therefore is not complex to produce and is compact and lightweight.

IPC 8 full level

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