

Title (en)

LOCK WHICH CAN BE UNLOCKED IN AN ELECTRICALLY AUTOMATED MANNER, IN PARTICULAR FOR STORAGE SYSTEMS LIKE LOCKERS

Title (de)

ELEKTRISCH AUTOMATISIERT ENTRIEGELBARES SCHLOSS, INSBESONDERE FÜR SCHLISSFACHARTIGE AUFBEWAHRUNGSSYSTEME

Title (fr)

SERRURE DÉVERROUILLABLE À AUTOMATISME ÉLECTRIQUE, EN PARTICULIER POUR SYSTÈMES DE GARDE À CASIERS

Publication

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Application

EP 08782798 A 20080725

Priority

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Abstract (en)

[origin: US2010139338A1] The invention relates to a lock (1) which can be released on an electrically automated basis, in particular for use with locker-type storage systems. A lock element (9) which can be introduced into the lock (1) is provided, which lock element (9) can be blocked in the lock (1) and thus holds a locker door (2) fixedly connected to the lock element (9) in the closed position. A lock pawl (14) which can be displaced in rotation to a limited degree is also provided, which engages with the lock element (9), either directly or indirectly via at least one displaceably mounted coupling element (12). The key feature of this is that the portion of a point of force transmission (33') for the locking force transmitted to the lock pawl (14) is designed so that a positively-induced and abutment-induced transmission of forces and pulses from the lock element (9) or from a coupling element (12) optionally mounted in between to the lock pawl (14) is directed almost exclusively radially to its pivot axis (31) and any tangential force or impulse components which occur can be transmitted almost exclusively due to frictional forces at the point of force transmission (33'). This results in increased protection against the effects of tampering from outside.

IPC 8 full level

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CPC (source: EP US)

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Cited by

WO2014176619A1; EP2792827A3; DE102013111226B4; DE202012104042U1; DE102013111226A1; DE102013104495A1; US9777514B2

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