Title (en)

LOCK, ESPECIALLY FOR AUTOMOTIVE DOORS, FLAPS OR THE LIKE

Title (de)

SCHLOSS, INSBESONDERE FÜR KRAFTFAHRZEUGTÜREN, -KLAPPEN OD. DGL.

Title (fr)

SERRURE, EN PARTICULIER POUR PORTES DE VEHICULE, BATTANTS OU ANALOGUES

Publication

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Application

EP 03702424 A 20030111

Priority

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• EP 0300220 W 20030111

Abstract (en)

[origin: WO03071065A1] The invention relates to a lock, especially for automotive doors or flaps, comprising a rotary latch (20) with which a closing element (13) engages when the door is closed and which pivots the rotary latch (20) from an open position via a pre-latch position to a main latch position. The lock further comprises a catch (30) which, in a pre-latch position, engages with a pre-stop notch provided on the rotary latch (20), and in a main latch position engages with a main stop notch provided on the rotary latch (20). An actuating element (40) acts upon the catch (30) in the manner of a power-driven opening assistance. An actuating surface (44) which radially enlarges in the direction of rotation (42) effects the lifting of the latch (30) in a simple manner. A loaded lever on the lock prevents the catch (30) from re-engaging with the rotary latch (20) once the catch (30) is disengaged, in case the rotary latch (20) does not pivot to the open position due to a load. The inventive lock is inexpensive to produce and very reliable due to its simple design.

IPC 8 full level

E05B 65/12 (2006.01)

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