

Title (en)

VEHICLE LOCK WITH ACTUATOR IN THE LOCK BOX

Title (de)

FAHRZEUGSCHLOSS MIT BETÄTIGUNGSEINRICHTUNG IM SCHLOSSKASTEN

Title (fr)

SERRURE DE VÉHICULE AVEC ACTIONNEUR DANS LA BOÎTE DE SERRURE

Publication

EP 4180597 B1 20240131 (EN)

Application

EP 22201121 A 20221012

Priority

IT 202100028967 A 20211116

Abstract (en)

[origin: EP4180597A1] Vehicle lock (100) comprising: a box (1), a catch (2), a primary pawl (3), a secondary pawl (4), a motorized release lever (5) suitable for cooperating with the primary pawl (3) and with the secondary pawl (4) in order to move them to an unlocked position, a closing lever (8) suitable for cooperating with the catch (2) in order to move it to a closing position, an actuator (A) that moves a gear train (70) configured to move the motorized release lever (5) and the closing lever (8), a disengagement device (200) configured to disengage two gears (70a, 70b) of the gear train (7), and a manual release lever (9) configured to cooperate with the motorized release lever (5) and with said disengagement device (200).

IPC 8 full level

E05B 83/26 (2014.01); **E05B 81/14** (2014.01); **E05B 81/20** (2014.01); **E05B 81/34** (2014.01); **E05B 81/46** (2014.01); **E05B 81/90** (2014.01); **E05B 83/18** (2014.01)

CPC (source: CN EP)

E05B 81/06 (2013.01 - CN); **E05B 81/14** (2013.01 - EP); **E05B 81/20** (2013.01 - EP); **E05B 81/34** (2013.01 - EP); **E05B 81/38** (2013.01 - CN); **E05B 81/46** (2013.01 - CN EP); **E05B 81/90** (2013.01 - EP); **E05B 83/18** (2013.01 - EP); **E05B 83/26** (2013.01 - EP)

Designated contracting state (EPC)

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