

Title (en)

DOUBLE-PULL VEHICLE LOCK WITH SAFETY CATCH

Title (de)

DOPPELZUG-FAHRZEUGSCHLOSS MIT SICHERHEITSVERRIEGELUNG

Title (fr)

VERROU DE VÉHICULE À DOUBLE TRACTION DOTÉ DE LOQUET DE SÉCURITÉ

Publication

EP 4232664 A1 20230830 (EN)

Application

EP 21794549 A 20211018

Priority

- IT 202000024787 A 20201020
- EP 2021078823 W 20211018

Abstract (en)

[origin: WO2022084257A1] A vehicle lock (100) comprises a base plate (6) with a slot (60) suitable for receiving a striker pin (S), a catch (1) having a fastening seat (12) suitable for fastening the striker pin (S), an ejection spring (5) with an arm (50) that acts on said striker pin (S) to push the catch (1), a pawl (2) suitable for locking said catch (1) in the closing position; a spring (M2) that pushes the pawl in the locking position, a safety catch (3) with a stop tooth (35) suitable for locking the striker pin (S) in the slot (60) of the plate; a spring (M3) that pushes the safety catch towards an opening position, a reset lever (4) hinged to the catch (1) and suitable for fastening, pulling and releasing the safety catch (3) and a spring (M4) that pushes the reset lever (4).

IPC 8 full level

E05B 83/24 (2014.01)

CPC (source: EP)

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Citation (search report)

See references of WO 2022084257A1

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

Designated validation state (EPC)

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DOCDB simple family (publication)

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