

Title (en)

Vehicle door lock

Title (de)

Fahrzeugtürschloss

Title (fr)

Serrure de porte pour véhicule

Publication

EP 0936332 A3 20000607 (DE)

Application

EP 99108978 A 19971216

Priority

- DE 19653169 A 19961219
- EP 97122200 A 19971216

Abstract (en)

[origin: EP0849424A1] The tractor door is closed and latched by a door lock with pivoting sprung rotary catches (16) and latching piece which interact to lock the door. An actuating lever (29) acts on the latching piece (33), which pivots on a latch arm (28) about an axis. The arm interacts with an opening lever, which pivots about a second axis parallel to the first. The latch arm and the actuating lever are connected (30) so that they pivot in the same direction. Preferably latching members are formed by recesses or edges on the rotary catch plates and latching piece and the pivoting of the catch plates and the latching pieces causes their engagement. The latching members are undercut so that, when they are released from engagement, the catch pivots against the tension of the catch spring (17).

IPC 1-7

E05B 65/32

IPC 8 full level

E05B 65/32 (2006.01); **E05B 77/26** (2014.01); **E05B 85/24** (2014.01)

CPC (source: EP US)

E05B 77/265 (2013.01 - EP US); **E05B 85/245** (2013.01 - EP US); **Y10T 292/0862** (2015.04 - EP US); **Y10T 292/1045** (2015.04 - EP US)

Citation (search report)

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Designated contracting state (EPC)

DE GB IT

DOCDB simple family (publication)

EP 0849424 A1 19980624; **EP 0849424 B1 20000906**; DE 19653169 A1 19980625; DE 19653169 C2 20020718; DE 59702310 D1 20001012; EP 0936332 A2 19990818; EP 0936332 A3 20000607; US 6158787 A 20001212

DOCDB simple family (application)

EP 97122200 A 19971216; DE 19653169 A 19961219; DE 59702310 T 19971216; EP 99108978 A 19971216; US 99169297 A 19971216