Title (en)
Vehicle door lock

Title (de)
Fahrzeugtürschloss

Title (fr)
Serrure de porte de véhicule

Publication
EP 0849424 B1 20000906 (DE)

Application
EP 97122200 A 19971216

Priority
DE 19653169 A 19961219

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 (main, further and additional classification)
E05B 65/32

IPC 8 full level (invention and additional information)
E05B 77/26 (2014.01); **E05B 85/24** (2014.01)

CPC (invention and additional information)
E05B 77/265 (2013.01); **E05B 85/245** (2013.01); Y10T 292/0862 (2015.04); Y10T 292/1045 (2015.04)

Cited by
FR2848597A1; EP1096086A3; EP1096086A2

Designated contracting state (EPC)
DE GB IT

DOCDB simple family
EP 0849424 A1 19980624; EP 0849424 B1 20000906; DE 19653169 A1 19980625; DE 19653169 C2 20020718; EP 0936332 A2 19990818; EP 0936332 A3 20000607; US 6158787 A 20001212