

Title (en)

Vehicle door latch undogging mechanism

Title (de)

Entsperrungsmechanismus für ein Fahrzeugschloss

Title (fr)

Mécanisme de déblocage pour une serrure de véhicule

Publication

EP 1138855 A2 20011004 (EN)

Application

EP 01201008 A 20010319

Priority

US 54035300 A 20000331

Abstract (en)

The door latch (10) has a rotatable fork bolt (30) that engages a striker pin (91). A detent (32) is pivotable into engagement with the fork bolt to latch the door latch. An intermittent lever (34) is pivotally attached to the detent. An unlatching lever (44) has an ear (46) that is pivotable into contact with a tab (48) on the intermittent lever to release the fork bolt. A pivotable locking lever (40) has a slot (41) that pivotally receives a pivot pin (38) on the intermittent lever. A cam surface (152) on the fork bolt engages the detent and moves the intermittent lever away from the fork bolt when the fork bolt is rotated toward a latched position by the striker pin. A cam follower (160) on the intermittent lever follows a cam surface (162) on the unlatching lever and moves the locking lever to an unlocked position. Holding an outside door handle in an open position when the door is closed moves the cam surface on the unlatching lever out of contact with the cam follower and leaves the locking lever locked. <IMAGE> <IMAGE> <IMAGE>

IPC 1-7

E05B 65/20

IPC 8 full level

E05B 65/32 (2006.01); **E05B 65/20** (2006.01)

CPC (source: EP)

E05B 85/243 (2013.01); **E05B 77/18** (2013.01)

Citation (applicant)

US 5277461 A 19940111 - DZURKO THOMAS A [US], et al

Cited by

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