

Title (en)  
VEHICLE DOOR LATCH

Title (de)  
FAHRZEUGTÜRSCHLOSS

Title (fr)  
VERROU DE PORTIERE DE VEHICULE

Publication  
**EP 1257722 A1 20021120 (EN)**

Application  
**EP 01905554 A 20010215**

Priority  
• CA 0100181 W 20010215  
• US 18512500 P 20000225

Abstract (en)  
[origin: WO0163077A1] A vehicle door latch (10) has a housing (2) having a mouth (4) for receiving a striker. A ratchet (56) is pivotally mounted to the housing for rotation between latched and unlatched conditions. The ratchet (56) cooperates with the mouth (4) to selectively retain a striker. A pawl (62) is mounted to the housing (2) for releasably engaging the ratchet (56). The pawl (62) is moveable relative to the ratchet (56) between a rest position engaging the ratchet to block movement of the ratchet toward the unlatched condition and a released position disengaging the ratchet to allow movement of the ratchet toward the unlatched condition. A release lever (22) is mounted to the housing and operably connected to the pawl (62) by a clutch lever (94) extending therebetween. The clutch lever (94) is moveable between an engaged position operably connecting the release lever (22) to the pawl (62) effecting movement of the pawl toward the released position and a disengaged position operably disconnecting the release lever from the pawl. A locking lever (100) is mounted to the housing for moving the clutch lever (94) between the engaged and disengaged positions. The clutch lever (94) moves in a first plane (19) to effect movement of the pawl and the locking lever moves the clutch lever out the first plane (19) to effect movement between the engaged and said disengaged positions.

IPC 1-7  
**E05B 65/32**

IPC 8 full level  
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CPC (source: EP)  
**E05B 77/26** (2013.01); **E05B 81/06** (2013.01); **E05B 81/16** (2013.01); **E05B 63/0056** (2013.01); **E05B 77/30** (2013.01); **E05B 85/243** (2013.01)

Citation (search report)  
See references of WO 0163077A1

Cited by  
US8757677B2; WO2009012512A1

Designated contracting state (EPC)  
DE FR GB IT SE

DOCDB simple family (publication)  
**WO 0163077 A1 20010830**; AU 3354801 A 20010903; BR 0108706 A 20021210; BR 0108706 B1 20101214; CA 2395334 A1 20010830; CA 2395334 C 20081230; DE 60107208 D1 20041223; DE 60107208 T2 20051027; EP 1257722 A1 20021120; EP 1257722 B1 20041117

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