

Title (en)  
Car door lock

Title (de)  
Autotürschloss

Title (fr)  
Serrure pour une portière de véhicule automobile

Publication  
**EP 0807734 B1 20010418 (FR)**

Application  
**EP 97401070 A 19970514**

Priority  
DE 19619958 A 19960517

Abstract (en)  
[origin: EP0807734A2] The lock has a pivoted bolt (6) co-operating with a staple (6) formed in the bodywork. The electric motor (9) is geared (10) to a rotary disc (11) with two crankpins (13,14) which pivot the catch (8) into its unlocked position. The levers (15,17) connect the disc to the catch. The disc continues to rotate until the crankpins pass over the end (23) of one lever (15) and are disengaged from the device (18) driving the catch, which is returned to its locked position by a spring (21).

IPC 1-7  
**E05B 65/32**; **E05B 47/06**; **E05B 65/20**; **E05B 47/00**

IPC 8 full level  
**E05B 47/00** (2006.01); **E05B 47/06** (2006.01); **E05B 65/12** (2006.01); **E05B 65/20** (2006.01); **E05B 65/32** (2006.01); **E05B 81/14** (2014.01)

CPC (source: EP)  
**E05B 81/14** (2013.01)

Cited by  
FR2775016A1; FR2794164A1; FR2821109A1; CN110595141A; EP0989264A1; FR2783551A1; CN109708398A; CN109708399A; CN109708396A; US6416106B2; US6174016B1; US6792643B1; US6952857B2; US6349983B1; TWI617730B

Designated contracting state (EPC)  
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**EP 0807734 A2 19971119**; **EP 0807734 A3 19990120**; **EP 0807734 B1 20010418**; BR 9704848 A 20000801; BR 9706869 A 20030527; DE 19619958 A1 19971120; DE 19619958 C2 19991021; DE 69704587 D1 20010523; DE 69704587 T2 20011018; DE 69720597 D1 20030515; DE 69720597 T2 20031224; EP 0812972 A2 19971217; EP 0812972 A3 19990303; EP 0812972 B1 20030409; ES 2157053 T3 20010801; ES 2196273 T3 20031216

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