

Title (en)  
Electrically operated vehicle door lock

Title (de)  
Elektrisch betätigtes Autotürschloss

Title (fr)  
Serrure actionnée électriquement pour porte de véhicule

Publication  
**EP 0710755 B1 19990811 (EN)**

Application  
**EP 95115642 A 19951004**

Priority  
IT TO940780 A 19941004

Abstract (en)  
[origin: EP0710755A1] An electrically operated vehicle door lock (1) presenting a fork-and-catch lock mechanism (3) movable between a release position enabling relative movement of the lock (1) and a striker element, and a lock position engaging and preventing the striker element (4) from moving in relation to the lock (1); a manual release lever (24); and a safety mechanism (5) interposed between the release lever (24) and the lock mechanism (3) and movable between a safety-off position wherein the release lever (24) is mechanically connected to and may release the lock mechanism (3), and a safety-on position wherein the release lever (24) is disconnected from the lock mechanism (3); the lock (1) presenting a single electric actuator (50) for controlling electric release of the lock mechanism (3), and for switching the safety mechanism (5) from the safety-on to the safety-off position and vice versa. <IMAGE>

IPC 1-7  
**E05B 47/06**; **E05B 63/00**

IPC 8 full level  
**E05B 63/00** (2006.01); **E05B 65/12** (2006.01); **E05B 65/20** (2006.01); **E05B 65/32** (2006.01); **E05B 65/36** (2006.01)

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Citation (examination)  
• EP 0589158 A1 19940330 - BAYERISCHE MOTOREN WERKE AG [DE]  
• DE 3531931 A1 19870319 - YMOS AG IND PRODUKTE [DE], et al  
• DE 3242527 A1 19840524 - NEIMAN GMBH [DE]

Cited by  
EP2034112A1; WO0220925A1; DE19702420C5; EP1624142A3; FR2878089A1; EP1457625A3; DE29716023U1; ES2167122A1; EP1245764A3; CN109415912A; FR2804458A1; FR2760035A1; DE10258646B3; EP1431482A3; US7255383B2; US7568740B2; US9551172B2; WO2019038233A1; US6932393B2; US6866310B2; US12077996B2; EP1320652B1; EP1323884B1

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