

Title (en)  
CONTROL FOR ELECTRONIC LOCK

Publication  
**EP 0309192 A3 19900228 (EN)**

Application  
**EP 88308690 A 19880920**

Priority  
US 9992187 A 19870923

Abstract (en)  
[origin: EP0309192A2] A battery powered (40) electronic locking apparatus comprises a locking member (2) movable between a locking position and an unlocking position, a first electromechanical means (110) coupled to the locking member to drive the locking member from one of the positions to the other position upon activation of the first electromechanical means and a second electromechanical means (111) coupled to the locking member to drive the locking member from the one position to the other position upon activation of the second electromechanical means. A control means (3) activates the first electromechanical means (110) without the second electromechanical means (111) to attempt to drive the locking member from the one position to the other position to conserve power, and subsequently activates the first (110) and second (111) electromechanical means together to attempt to drive the locking mechanism (2) to the other position. This provides movement of the locking member (2) when the battery voltage is low or the locking member is bound. In addition, if one attempt by one (110) or both (110, 111) electromechanical means is unsuccessful, the control means (3) automatically activates (254, 256, 258) one or both of the electromechanical means a second time. This is effective in the event that the failure was due to torque applied by a user to a door handle which bound the locking member.

IPC 1-7  
**E05B 47/00**

IPC 8 full level  
**E05B 47/00** (2006.01); **E05B 47/06** (2006.01); **E05B 49/00** (2006.01)

CPC (source: EP KR)  
**E05B 47/0673** (2013.01 - EP); **E05B 49/00** (2013.01 - KR); **E05B 47/0004** (2013.01 - EP); **E05B 2047/0008** (2013.01 - EP); **E05B 2047/0058** (2013.01 - EP); **E05B 2047/0065** (2013.01 - EP)

Citation (search report)  
No further relevant document have been disclosed

Designated contracting state (EPC)  
BE CH DE ES FR GB IT LI NL

DOCDB simple family (publication)  
**EP 0309192 A2 19890329**; **EP 0309192 A3 19900228**; AU 2247488 A 19890323; CN 1032565 A 19890426; IL 87750 A0 19890228; JP H01198979 A 19890810; KR 890005366 A 19890513

DOCDB simple family (application)  
**EP 88308690 A 19880920**; AU 2247488 A 19880921; CN 88106858 A 19880924; IL 8775088 A 19880915; JP 23867588 A 19880922; KR 880012244 A 19880922