

Title (en)

Combination lock with terminals for operation with an additional battery

Title (de)

Kombinationsschloss mit Anschlüssen für das Betreiben mit zusätzlicher Batterie

Title (fr)

Serrure à combinaison avec des plots pour l'opération avec une batterie additionnelle

Publication

EP 1178167 A1 20020206 (EN)

Application

EP 00120977 A 20000927

Priority

US 63511900 A 20000804

Abstract (en)

A electronic combination lock includes a rotatable shaft which interacts with a bolt to permit locking and release. A solenoid armature shaft interacts with a rotatable shaft to inhibit or permit rotation of the shaft. A first battery is located in a housing for operating the solenoid. Terminals are provided in the front of the housing for the lock to permit connection with a second battery to provide power to the lock as necessary. A pistol grip permits rotation of the shaft when the solenoid armature is free of the shaft. <IMAGE>

IPC 1-7

E05B 49/00; **E05B 47/00**

IPC 8 full level

E05B 47/00 (2006.01)

CPC (source: EP)

E05B 47/00 (2013.01); **E05B 2047/0058** (2013.01)

Citation (search report)

- [Y] US 4148092 A 19790403 - MARTIN RICKY
- [Y] US 5887467 A 19990330 - BUTTERWECK DIETER [DE], et al

Cited by

DE112007001299B4; US2017221291A1; EP1866506A4; US9536359B1; US9208628B2; US11193303B2; WO2018183814A1; US9222284B2; US9273492B2; US10909789B2; US10930099B2; EP3276108B1; EP3276108A1

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