

Title (en)

Lock assembly actuatable by an electrical motor and/or a mechanical key.

Title (de)

Verriegelungseinrichtung Aktivierbar von einem Elektromotor und/oder einem mechanischen Schlüssel.

Title (fr)

Ensemble de verrouillage activable par moteur électrique et/ou par clef mécanique.

Publication

EP 0676518 A2 19951011 (EN)

Application

EP 95301362 A 19950303

Priority

IL 10889894 A 19940308

Abstract (en)

A lock assembly which includes a key-driven shaft rotatable by a key and a lock drive shaft coupled to a locking bolt for driving the locking bolt to locking and unlocking positions. The assembly further includes an electrical motor having a motor transmission. Finally, the assembly includes a yieldable coupling which normally couples the motor transmission to the lock drive shaft in order to drive the locking bolt to locking or unlocking positions. The yieldable coupling is yieldable upon overload of the lock drive shaft to decouple the motor transmission therefrom. The key-driven shaft is axially displaceable to decouple it from the motor transmission, thereby enabling the key-driven shaft to drive the lock drive shaft and the locking bolt to locking or unlocking positions. <IMAGE>

IPC 1-7

E05B 47/00; E05B 17/00; E05B 63/00

IPC 8 full level

E05B 47/00 (2006.01); **E05B 9/10** (2006.01); **E05B 63/04** (2006.01)

CPC (source: EP)

E05B 47/0012 (2013.01); **E05B 63/04** (2013.01); **E05B 2047/002** (2013.01); **E05B 2047/0031** (2013.01); **E05B 2047/0091** (2013.01)

Cited by

JP2016522340A; EP0874117A1; CN106050008A; AU2009225350B2; DE102004021704B3; EP4253698A1; DE10024952A1; GB2574685A; GB2574685B; US2021164264A1; US11952800B2; DE10200153A1; US12037813B1; EP4296981A3; EP0785324A1; CN108952353A; GB2463618A; GB2463618B; EP3760819A1; CN104141419A; RU2675430C2; GB2568730A; GB2568730B; US8690205B2; US8220299B2; WO2020123573A1; WO2009006676A1; US8495667B2; US9218840B2; US11459794B2; WO03097969A3; WO2015065944A1; WO2006134571A3; WO2014182509A1; WO2019102212A1; EP2994586B1

Designated contracting state (EPC)

DE ES FR GB IT SE

DOCDB simple family (publication)

EP 0676518 A2 19951011; EP 0676518 A3 19960424; CA 2144132 A1 19950909; IL 108898 A0 19940624

DOCDB simple family (application)

EP 95301362 A 19950303; CA 2144132 A 19950307; IL 10889894 A 19940308