

Title (en)

Arrangement comprising an electric door lock for a motor vehicle and its associated control and supply means

Title (de)

Anordnung bestehend aus einem elektrischen Kraftfahrzeug-Türschloss und aus seinen zugehörigen Steuerungs- und Versorgungsmitteln

Title (fr)

Ensemble constitué d'une serrure électrique de portière de véhicule automobile associée à ses moyens de commande et d'alimentation

Publication

EP 0694665 B1 19990428 (FR)

Application

EP 95401757 A 19950725

Priority

FR 9409298 A 19940727

Abstract (en)

[origin: EP0694665A1] The electrically operated vehicle lock (10) includes an associated control and supply circuit (15,16,17). Opening of the door lock is effected by an actuator supplied by the vehicle battery, and the vehicle includes several such door locks. The electrical supply to the lock is controlled by an electronic interface module mounted within the door. The interface receives power from the battery and instructions from the lock controls (15,16,17) to operate the actuator. The interface also includes a connector (18) ensuring the transmission of information regarding the locked or unlocked state of the door to at least one other door lock. <IMAGE>

IPC 1-7

E05B 65/36

IPC 8 full level

E05B 65/20 (2006.01); **E05B 65/36** (2006.01); **E05B 47/00** (2006.01); **E05B 65/12** (2006.01); **G07C 9/00** (2006.01)

CPC (source: EP)

E05B 77/26 (2013.01); **E05B 77/28** (2013.01); **E05B 77/48** (2013.01); **E05B 81/54** (2013.01); **E05B 81/82** (2013.01); **E05B 77/12** (2013.01); **G07C 2009/00769** (2013.01)

Citation (examination)

EP 0475356 A1 19920318 - SIEMENS AG [DE], et al

Cited by

US5878610A; CN102322185A; US5892443A; DE19702689B4; DE19633202C1; EP3392434A4; EP1035282A1; CN103186932A; US6705140B1; DE102012018452A1; US6848286B2; US6776442B2; US6575505B1; WO0052284A1; WO9907968A1; US8104803B2; US6786070B1; US7363788B2; FR2758848A1

Designated contracting state (EPC)

DE ES

DOCDB simple family (publication)

EP 0694665 A1 19960131; **EP 0694665 B1 19990428**; DE 69509317 D1 19990602; DE 69509317 T2 19990826; ES 2131287 T3 19990716; FR 2723127 A1 19960202; FR 2723127 B1 19960927

DOCDB simple family (application)

EP 95401757 A 19950725; DE 69509317 T 19950725; ES 95401757 T 19950725; FR 9409298 A 19940727