

Title (en)

ELECTRICALLY OPERATED LOCK, PARTICULARLY FOR THE HOOD OR TAILGATE OF A MOTOR VEHICLE

Publication

**EP 0393595 A3 19911016 (EN)**

Application

**EP 90107275 A 19900417**

Priority

IT 5303589 U 19890418

Abstract (en)

[origin: EP0393595A2] An electrically operated lock (1) for the hood of a motor vehicle, comprising a latch (14) designed to engage, in a first closed position, a respective locating member (26) on a fixed part of the vehicle; a bolt (35) designed to cooperate with the latch (14) by virtue of elastic means (45) and to maintain the same in the closed position; mechanical means (64) for activating the bolt (35); and a control pin (37) activated by an electrical actuator (58), having an eccentric portion (36) on which the bolt (35) pivots, and designed to move the bolt (35) reversibly in such a manner as to move the latch (14) from a secondary latched position to a fully latched position wherein the load on the hood seals is incremented; the load incrementing stroke being commenced by an electric signal (107) produced by means (105) for detecting the position of the bolt (35).

IPC 1-7

**E05B 47/00**; **E05B 65/19**

IPC 8 full level

**E05B 65/12** (2006.01); **E05B 65/19** (2006.01)

CPC (source: EP)

**E05B 81/20** (2013.01); **E05B 81/06** (2013.01); **E05B 83/16** (2013.01); **E05B 85/02** (2013.01)

Citation (search report)

- [A] DE 3744135 A1 19880714 - MOTROL SPA [IT], et al
- [A] EP 0190976 A1 19860813 - MECANISMES COMP IND DE [FR]
- [A] US 2950138 A 19600823 - MEYER BARTHOLD F, et al
- [A] US 3343303 A 19670926 - WANLASS BERT R

Cited by

CN103015816A; US11459803B2; US11421454B2; FR2750727A1; EP0467057A3; US5217266A; EP3599331A1; EP2573300A3; EP2573301A3; US9273497B2; US11180934B2; WO2014019851A3

Designated contracting state (EPC)

DE ES FR GB

DOCDB simple family (publication)

**EP 0393595 A2 19901024**; **EP 0393595 A3 19911016**; **EP 0393595 B1 19940302**; DE 69006890 D1 19940407; DE 69006890 T2 19940616; ES 2050296 T3 19940516; IT 217029 Z2 19911029; IT 8953035 V0 19890418

DOCDB simple family (application)

**EP 90107275 A 19900417**; DE 69006890 T 19900417; ES 90107275 T 19900417; IT 5303589 U 19890418