

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

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

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