

Title (en)
ELECTRIC LOCK FOR A VEHICLE DOOR

Publication
EP 0102263 B1 19860115 (FR)

Application
EP 83401440 A 19830712

Priority
FR 8213863 A 19820809

Abstract (en)
[origin: EP0102263A1] 1. A latch of the type comprising a case (1) for the latch mechanism (2), a keeper (4) which is movable relative to the case, an actuating element (21) adapted to release the latch mechanism (2) and the keeper (4) for the purpose of opening the door, driving means (28, 31) coupled to the actuating element (21) to permit the automatic control of this latch and means (6, 7, 8) for reducing the transmission ratio of the force exerted on said actuating element (21) by the keeper when opening the latch, these ratio reducing means comprising a series of three links (6, 7, 8) pivoted together, the intermediate link (7) being provided with means (13) for hooking the keeper and the end links (6, 8) being pivoted to the case (1) to pivot about respective axes which are parallel to each other and to the pivot axes of the intermediate link, while one of the end links (8) cooperates, for the locking of the latch, with the actuating element (21) by means of at least one stop step (23, 24), characterized in that said stop step (23, 24) is provided on the actuating element (21) and cooperates with a locking finger member (25) provided on the corresponding end link (8) and said driving means comprise an electric motor (31) having a rotating shaft which is adapted to act on said actuating element (21) through a transmission (30, 28, 27) converting the movement of rotation of this shaft into a movement in a plane of said actuating element (21).

IPC 1-7
E05B 47/00; **E05B 65/32**

IPC 8 full level
E05B 65/36 (2006.01)

CPC (source: EP)
E05B 77/48 (2013.01)

Cited by
GB2250773A; EP1008711A1; FR2786801A1; EP0302642A1; US4986098A

Designated contracting state (EPC)
DE GB IT SE

DOCDB simple family (publication)
EP 0102263 A1 19840307; **EP 0102263 B1 19860115**; DE 3361852 D1 19860227; ES 274254 U 19840116; ES 274254 Y 19840816;
FR 2531477 A1 19840210; FR 2531477 B1 19850118

DOCDB simple family (application)
EP 83401440 A 19830712; DE 3361852 T 19830712; ES 274254 U 19830808; FR 8213863 A 19820809