

Title (en)

Closure for doors, bonnets, tailgates or the like, in particular for vehicles, such as motor vehicles

Title (de)

Verschluss für Türen, Hauben, Klappen od. dgl., insbesondere von Fahrzeugen, wie Kraftfahrzeugen

Title (fr)

Dispositif de fermeture pour portes, capots, hayons ou similaires, notamment de véhicule, tel que véhicule automobile

Publication

**EP 0884440 B1 20020220 (DE)**

Application

**EP 98110385 A 19980606**

Priority

DE 19724318 A 19970610

Abstract (en)

[origin: EP0884440A1] The device has a switch actuator (42) seated on a control element (40) movable by rotating a key over different angular ranges into one of at least two axially separate planes, i.e. at least one coupling plane (69) and a decoupling plane (67). The control element can be moved between a normal position corresp. to a null cylinder position and one or more positions corresp. to cylinder operating positions. In the coupling plane the control element (40) is rotationally coupled to the cylinder core and its switch actuator engages and operates a microswitch for small rotations. For large rotations the actuator is decoupled. It is spring biased to the normal position in all planes.

IPC 1-7

**E05B 65/20**; E05B 65/19; E05B 5/00

IPC 8 full level

**E05B 5/00** (2006.01); **E05B 17/22** (2006.01); **E05B 81/14** (2014.01); **E05B 81/76** (2014.01); **E05B 83/36** (2014.01); **E05B 13/00** (2006.01); **E05B 47/06** (2006.01); **E05B 81/06** (2014.01)

CPC (source: EP)

**E05B 81/14** (2013.01); **E05B 81/76** (2013.01); **E05B 83/36** (2013.01); **E05B 13/005** (2013.01); **E05B 81/06** (2013.01)

Cited by

DE10020172B4; FR2865708A1; DE10031664C1; EP1361325A1; WO2006032324A1

Designated contracting state (EPC)

DE ES FR GB IT NL PT SE

DOCDB simple family (publication)

**EP 0884440 A1 19981216**; **EP 0884440 B1 20020220**; DE 19724318 A1 19981217; DE 59803121 D1 20020328; ES 2169459 T3 20020701; PT 884440 E 20020731

DOCDB simple family (application)

**EP 98110385 A 19980606**; DE 19724318 A 19970610; DE 59803121 T 19980606; ES 98110385 T 19980606; PT 98110385 T 19980606