

Title (en)
Vehicle door lock assembly

Title (de)
Kraftfahrzeug-Türschloss

Title (fr)
Serrure pour porte de véhicule automobile

Publication
EP 0829602 B1 20020508 (EN)

Application
EP 97115743 A 19970910

Priority
IT TO960742 A 19960911

Abstract (en)
[origin: EP0829602A1] A vehicle door lock assembly (1) having a lock (2) with a safety lever (4) movable between a first and a second position respectively enabling and disabling release from the outside; a door-lock actuator (5) with an output member (19) rotating about a respective axis (B) of rotation; and a transmission element (20) in the form of a rod, connected in articulated manner to the output member (19) of the door-lock actuator (5) and to the safety lever (4) of the lock (2); the output member (19) being movable between a first position corresponding to the first position of the safety lever (4), a second position corresponding to the second position of the safety lever (4), and a third position reached by passing a dead center position wherein the axes (D, C) connecting the transmission element (20) to the safety lever (4) and to the output member (19) of the door-lock actuator (5), and the axis (B) of rotation of the output member (19) are coplanar with one another. <IMAGE>

IPC 1-7
E05B 65/20; **E05B 47/00**

IPC 8 full level
E05B 65/20 (2006.01); **E05B 65/12** (2006.01)

CPC (source: EP)
E05B 77/28 (2013.01); **E05B 81/16** (2013.01); **E05B 81/06** (2013.01)

Cited by
EP1536089A1; DE19925358A1; DE19925358C2; US7070214B2

Designated contracting state (EPC)
DE ES FR GB IT

DOCDB simple family (publication)
EP 0829602 A1 19980318; **EP 0829602 B1 20020508**; BR 9702863 A 19981229; DE 69712427 D1 20020613; DE 69712427 T2 20021107; ES 2176576 T3 20021201; IT 1284788 B1 19980521; IT TO960742 A1 19980311; PL 185412 B1 20030530; PL 322057 A1 19980316

DOCDB simple family (application)
EP 97115743 A 19970910; BR 9702863 A 19970911; DE 69712427 T 19970910; ES 97115743 T 19970910; IT TO960742 A 19960911; PL 32205797 A 19970911