

Title (en)

Handle for a control device to unlock a lock in an opening part of a motor vehicle

Title (de)

Griff für eine Bedienungsvorrichtung zum Öffnen eines Kraftfahrzeugtürschlosses

Title (fr)

Poignée pour dispositif de commande de l'ouverture d'une serrure d'un ouvrant de véhicule automobile

Publication

EP 1138853 B1 20040218 (FR)

Application

EP 01202441 A 19970619

Priority

- EP 97110035 A 19970619
- FR 9607889 A 19960625

Abstract (en)

[origin: EP0816597A1] The handle operates lift-bar (22), in a door hand-hole, which has two interconnected (68) supports (64, 66) pivoted on a horizontal spindle (62), mounted (60) in the door and restrained by return spring (70,72). The U-shaped intermediate lever (74), also rotatable on this spindle, operates the lock linkage (30). Its movement, relative to the lift-bar, is controlled by a horizontal rod (84), passing through slots (88) in the lever legs (76) and a shaped aperture (92) in one lift-bar support (64). These guides, in conjunction with a motorised cam (80) mounted on the spindle, determine whether the rod transmits the release action to the lock. A short-range radio control unit, switched on by the lift-bar and interacting with a passive identification unit eg. on the authorised user's wrist, positions the cam appropriately.

IPC 1-7

E05B 49/00; **E05B 65/20**; **G07C 9/00**

IPC 8 full level

E05B 65/12 (2006.01); **E05B 65/20** (2006.01); **E05B 65/26** (2006.01); **G07C 9/00** (2006.01); **E05B 5/00** (2006.01)

CPC (source: EP US)

E05B 81/20 (2013.01 - EP US); **E05B 81/78** (2013.01 - EP US); **E05B 85/18** (2013.01 - EP US); **G07C 9/00309** (2013.01 - EP US); **E05B 5/00** (2013.01 - EP US); **E05B 81/06** (2013.01 - EP US); **G07C 2009/00373** (2013.01 - EP US); **G07C 2009/00793** (2013.01 - EP US); **G07C 2209/65** (2013.01 - EP US); **Y10S 292/27** (2013.01 - EP US); **Y10T 70/5394** (2015.04 - EP US); **Y10T 70/5496** (2015.04 - EP US); **Y10T 70/5805** (2015.04 - EP US); **Y10T 70/65** (2015.04 - EP US); **Y10T 292/1082** (2015.04 - EP US)

Cited by

CN109249940A; DE102009050228A1; DE10052308B4; EP1597450A4; US7284776B2; WO2004076785A1; WO2006017534A1; US7600795B2; US7513544B2; US7562916B2

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