

Title (en)

LATCH ARRANGEMENTS FOR AUTOMOTIVE DOORS OR OTHER CLOSURES

Title (de)

VERRIEGELUNGSANORDNUNG FÜR KRAFTFAHRZEUGTÜREN ODER ANDERE FLÜGEL

Title (fr)

MONTAGES DE VERROU DESTINES A DES PORTIERES D'AUTOMOBILES OU A D'AUTRES DISPOSITIFS DE FERMETURE

Publication

EP 0968348 A2 20000105 (EN)

Application

EP 97949047 A 19971212

Priority

- GB 9703434 W 19971212
- GB 9626098 A 19961216

Abstract (en)

[origin: GB2320943A] A latch arrangement for releasably retaining a striker 10, comprising a latch bolt 11 shaped to retain the striker at a latching position, and to release the striker at an unlatching position of the latch bolt; a locking mechanism moveable 20 between a locking position, at which it retains the latch bolt at its latching position, and an unlocking position, at which it allows the latch bolt to move to its unlatching position; means for linking the locking mechanism to a latch-opening external manual control such as a door handle; drive means 70 coupled to the locking mechanism and/or the latch bolt for powered actuation thereof to latch or unlatch the locking mechanism and/or to drive the latch bolt to its latching position or to its unlatching position; a rotary clutch 498,1490 coupling the drive means to an electrical drive motor output 60A, and a clutch release mechanism 495 drivingly coupled to the said external manual control such that operation of the latch-opening external manual control isolates the latch bolt and locking mechanism from the drive means. Other details of latch operation, coupling arrangements and control linkages are disclosed particularly in motor vehicle central locking systems.

IPC 1-7

E05B 65/19; **E05B 65/32**; **E05B 65/36**; **E05B 47/00**

IPC 8 full level

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CPC (source: EP KR)

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Citation (search report)

See references of WO 9827301A2

Cited by

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GB 2320943 A 19980708; **GB 9726341 D0 19980211**; AU 7739098 A 19980715; DE 69739518 D1 20090910; EP 0968348 A2 20000105; EP 0968348 B1 20050914; GB 2322409 A 19980826; GB 2322409 B 20010523; GB 9626098 D0 19970205; JP 2009007927 A 20090115; KR 100567973 B1 20060407; KR 20000071023 A 20001125; WO 9827301 A2 19980625; WO 9827301 A3 19981008

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