

Title (en)

Lock and locking assembly for a door or window.

Title (de)

Schloss und Schlossvorrichtung für eine Tür oder ein fenster.

Title (fr)

Serrure et ensemble serrure pour porte ou fenêtre.

Publication

**EP 0661409 A3 19960410 (EN)**

Application

**EP 94309895 A 19941229**

Priority

GB 9326532 A 19931229

Abstract (en)

[origin: GB2313620A] A multi-point locking assembly for a door or window comprises a main lock (1) having a spring loaded latch (2) and a deadbolt (3) operated by a deadbolt operating mechanism under the control of a key operated deadlocking mechanism, and at least one additional remote locking device (4, 5) having a locking member (6, 7) which is advanced and retracted simultaneously with the deadbolt in response to linear movement of a connector bar (19, 20) by operation of the deadbolt operating mechanism. The locking member (6, 7) of each additional locking device (4, 5) comprises a hook which is mounted to pivot between its advanced and retracted positions by linear movement of a slide plate (105, 114) which is connected to the connector bar (19, 20) and which is connected to the hook (6, 7) by means of a pin (110, 115) carried by either the hook or the slide plate and engaging in a slot (111, 116) in the slide plate or the hook respectively.

IPC 1-7

**E05C 9/04**; **E05B 17/20**

IPC 8 full level

**E05B 15/02** (2006.01); **E05B 17/20** (2006.01); **E05B 59/00** (2006.01); **E05B 63/16** (2006.01); **E05C 9/02** (2006.01); **E05C 9/18** (2006.01)

CPC (source: EP)

**E05B 15/024** (2013.01); **E05B 17/2049** (2013.01); **E05B 59/00** (2013.01); **E05B 63/16** (2013.01); **E05C 9/021** (2013.01); **E05C 9/026** (2013.01); **E05C 9/1875** (2013.01)

Citation (search report)

- [YA] DE 9107714 U1 19910829
- [YA] DE 9104553 U1 19910606
- [A] DE 3636237 A1 19880428 - BETZ GMBH & CO KG GEB [DE]
- [A] AT 394241 B 19920225 - LARCH HANS JOERG [AT]

Cited by

EP0964118A1; GR20150100170A; GR1009037B; EP0861960A3; CN110593671A; US10968661B2; US9790716B2; US11661771B2; US10662671B2; US11441333B2; US9637957B2; US7261330B1; US9765550B2; WO0031366A1; WO2021109951A1; US10808424B2; US9885200B2; US11834866B2; US10662675B2; US11634931B2; US11066850B2; US11572706B2; US11661763B2; US7604265B2; US8382166B2; US9758997B2

Designated contracting state (EPC)

BE DE ES FR GB NL PT

DOCDB simple family (publication)

**GB 2313620 A 19971203**; **GB 2313620 B 19980603**; **GB 9716890 D0 19971015**; DE 69423084 D1 20000330; DE 69423084 T2 20000621; EP 0661409 A2 19950705; EP 0661409 A3 19960410; EP 0661409 B1 20000223; ES 2142385 T3 20000416; GB 2285280 A 19950705; GB 2285280 B 19980603; GB 9326532 D0 19940302

DOCDB simple family (application)

**GB 9716890 A 19931229**; DE 69423084 T 19941229; EP 94309895 A 19941229; ES 94309895 T 19941229; GB 9326532 A 19931229