

Title (en)

Mortise lock especially for apartment doors, in particular a lock with sliding bars.

Title (de)

Insbesondere an Wohnungsabschliessstüren einzusetzendes Schloss, insbesondere treibstangenbetätigbares Schloss.

Title (fr)

Serrure mortaisée en particulier pour portes d'appartement, notamment serrure avec barres coulissantes.

Publication

**EP 0610542 A3 19950607 (DE)**

Application

**EP 93110832 A 19930707**

Priority

DE 4304214 A 19930212

Abstract (en)

[origin: EP0610542A2] The invention relates to a lock (1) to be used, in particular, on doors of apartments, in particular a lock (1) which can be actuated by a drive rod, which lock divides up the locking position to the frame-side striking plate (44) by subdividing the bolt-member movement, this resulting first of all in the bolt moving forwards by a tightening movement made possible by a bolt bevel and, subsequently, a bolt interconnecting engagement to the striking plate (44). For the purpose of optimising the closure method, the invention proposes to provide two mutually adjacent bolt members (A, B), of which one bolt member (B), exhibiting the bolt-member bevel (37), is controlled such that it leads during the closure movement. On the other hand, the bolt member (A) causing the interconnecting engagement [lacuna] via a pivot member. <IMAGE>

IPC 1-7

**E05B 63/12**

IPC 8 full level

**E05B 63/12** (2006.01); **E05B 63/14** (2006.01); **E05C 9/18** (2006.01)

CPC (source: EP)

**E05B 63/14** (2013.01); **E05C 9/1841** (2013.01); **E05C 9/1875** (2013.01)

Citation (search report)

- [DA] DE 4006687 A1 19910110 - FLIETHER KARL GMBH & CO [DE]
- [A] DE 2333342 A1 19750116 - FLIETHER FA KARL
- [A] EP 0348318 A1 19891227 - FERCO INT USINE FERRURES [FR]
- [A] EP 0411271 A1 19910206 - FLIETHER KARL GMBH & CO [DE]

Cited by

CN106761027A; DE19813166A1; EP1045096A1; US11248393B2; WO2019155499A1; WO2018189754A1; WO2019197248A1; EP2543804B1; EP2543802B1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**EP 0610542 A2 19940817**; **EP 0610542 A3 19950607**; **EP 0610542 B1 19970122**; AT E148192 T1 19970215; DE 4304214 A1 19940818; DE 4304214 C2 20020314; DE 59305258 D1 19970306; DE 9321445 U1 19980226; DK 0610542 T3 19970728; ES 2096808 T3 19970316; GR 3022584 T3 19970531

DOCDB simple family (application)

**EP 93110832 A 19930707**; AT 93110832 T 19930707; DE 4304214 A 19930212; DE 59305258 T 19930707; DE 9321445 U 19930212; DK 93110832 T 19930707; ES 93110832 T 19930707; GR 970400269 T 19970219