

Title (en)

Lock for sliding door or window.

Title (de)

Verriegelung für eine Schiebetür oder ein Schiebefenster.

Title (fr)

Serrure pour battant coulissant.

Publication

EP 0015092 A1 19800903 (EN)

Application

EP 80300330 A 19800205

Priority

GB 7905425 A 19790215

Abstract (en)

The lock enables a door to be bolted simultaneously at the top and bottom by a single operating handle. A deadlock mechanism is incorporated operable by a conventional cylinder lock (31). In one arrangement the deadlock and the bolting mechanism can be operated from both sides of the door (10). The basic mechanism of the lock consists of an operating tangent plate (20) connected by pin and slot mechanism to a second tangent plate (24). Each tangent plate (20 , 24) is in turn connected by a pin and slot mechanism to a slider plate (21,28) and each slider plate (21,28) is connected to a bolt (16,17 respectively). The deadlock includes a slidable locking plate (44) moveable by a cam mechanism (32,32a) operated by a cylinder lock (31).

IPC 1-7

E05B 65/08; **E05C 9/04**

IPC 8 full level

E05B 53/00 (2006.01); **E05C 9/04** (2006.01); **E05C 9/10** (2006.01)

CPC (source: EP KR)

E05C 9/04 (2013.01 - KR); **E05C 9/042** (2013.01 - EP); **E05C 9/047** (2013.01 - EP); **E05C 9/10** (2013.01 - KR)

Citation (search report)

- DE 2154320 B2 19781123
- [A] FR 507717 A 19200922 - ERNST TUERKE [CH]
- [A] FR 2128173 A1 19721020 - KUSS LOUIS
- [A] CH 562948 A5 19750613 - LEIBUNDGUT FRITZ AG

Cited by

AU627593B2; EP0117744A3; FR2652120A1; BE1005179A5

Designated contracting state (EPC)

DE FR IT

DOCDB simple family (publication)

EP 0015092 A1 19800903; **EP 0015092 B1 19830330**; AU 528313 B2 19830421; AU 5542280 A 19800821; BR 8000847 A 19801029; CA 1136674 A 19821130; DE 3062490 D1 19830505; ES 488580 A0 19801216; ES 8102254 A1 19801216; GB 2043762 A 19801008; GB 2043762 B 19821124; JP S55114764 A 19800904; KR 830002131 A 19830521; KR 850001120 B1 19850803; MX 150043 A 19840305

DOCDB simple family (application)

EP 80300330 A 19800205; AU 5542280 A 19800211; BR 8000847 A 19800212; CA 345524 A 19800212; DE 3062490 T 19800205; ES 488580 A 19800214; GB 7905425 A 19790215; JP 1844680 A 19800215; KR 800000591 A 19800214; MX 18120580 A 19800215