

Title (en)
SNAP LOCK

Title (de)
SCHNAPPVERSCHLUSS

Title (fr)
VERROUILLAGE A CLIQUET

Publication
EP 0727002 A1 19960821 (EN)

Application
EP 93917580 A 19930818

Priority
• DK 9300270 W 19930818
• DK 103892 A 19920820

Abstract (en)
[origin: WO9404782A1] The snap lock is in particular for closing a window, a door or the like, and comprises a base member (10), a latch (5) having a projecting part (6) for engagement with a striking plate (4) and adapted to be displaced from a closing position against a spring power and an actuator device (12) for taking the latch (5) into a retracted opening position, wherein the latch (5) is pivotal in relation to the base member (10) about an axis transverse to the direction of said displacement, the opening position is a position turned out about said axis (7, 9), and a resilient member (19) is arranged to retain the latch (5) in a non-turned-out position parallel to the closing position. The latch (5) and the base member (10) constitute opposite members in a four-link mechanism, the latch (5) being by means of a first hinge (7) hinged at the one end comprising the projecting part (6) to a link (8) which again by means of a second hinge (9) is hinged to the base member (10), the latch (5) being hinged at its other end by means of a third hinge (11) to the actuator device (12) which again by means of a fourth hinge (13) is hinged to the base member (10).

IPC 1-7
E05C 3/16; **E05C 3/22**

IPC 8 full level
E05B 15/00 (2006.01); **E05B 65/00** (2006.01); **E05C 3/16** (2006.01); **E05C 3/22** (2006.01)

CPC (source: EP)
E05B 15/0053 (2013.01); **E05B 15/0086** (2013.01); **E05B 65/0042** (2013.01); **E05C 3/162** (2013.01)

Citation (search report)
See references of WO 9404782A1

Cited by
US5792049A; CN106869758A; CN106948743A; EP2281983A1

Designated contracting state (EPC)
AT BE CH DE ES FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 9404782 A1 19940303; AT E160203 T1 19971115; AU 4699493 A 19940315; CZ 281987 B6 19970416; CZ 42095 A3 19950913; DE 69315230 D1 19971218; DE 69315230 T2 19980520; DK 103892 A 19940221; DK 103892 D0 19920820; DK 168406 B1 19940321; EP 0727002 A1 19960821; EP 0727002 B1 19971112; ES 2110108 T3 19980201; HU 216959 B 19991028; HU 9403593 D0 19950228; HU T72388 A 19960429; PL 172639 B1 19971031; PL 307504 A1 19950529; RU 2103464 C1 19980127; RU 95106646 A 19961120; SK 21695 A3 19950711; SK 279773 B6 19990312; UA 25836 C2 19990226

DOCDB simple family (application)
DK 9300270 W 19930818; AT 93917580 T 19930818; AU 4699493 A 19930818; CZ 42095 A 19930818; DE 69315230 T 19930818; DK 103892 A 19920820; EP 93917580 A 19930818; ES 93917580 T 19930818; HU 9403593 A 19930818; PL 30750493 A 19930818; RU 95106646 A 19930818; SK 21695 A 19930818; UA 94129237 A 19930818