

Title (en)
SAFETY LOCK

Publication
EP 0312654 B1 19921230 (FR)

Application
EP 87202031 A 19871022

Priority
EP 87202031 A 19871022

Abstract (en)
[origin: EP0312654A1] The security lock (1) for a window or door has a working (3) and a dead (4) lock, with controls moving them in and out of engagement with a catch (5) in the frame (2), also a stop (9,11, 12,13) securing the working lock in the engaged position. The control for the working lock comprises a lever (6) movable about a fixed point (7) in a plane parallel to that in which its bolt (3) works, moving the latter into the free position in opposition to a first spring (8). The lock-securing mechanism has a locking arm (9) pivoting on a second fixed point (10), being thrust by a second spring (11) into the engaged position. It also has an auxiliary working bolt (12) which, when the main working bolt (3) is engaged, allows the locking arm to be kept in the engaged position. A transmission arm (15) on a fourth fixed pivot point works with the locking arm (9) and lever (6) via a transmission (17,18).

IPC 1-7
E05B 59/00

IPC 8 full level
E05B 59/00 (2006.01); **E05B 55/12** (2006.01)

CPC (source: EP)
E05B 59/00 (2013.01); **E05B 55/12** (2013.01)

Cited by
EP0574629A1; US11408207B2; EP0670403A3; EP0519905A1; CN109723283A; WO2020183046A1

Designated contracting state (EPC)
BE DE ES FR GB IT NL

DOCDB simple family (publication)
EP 0312654 A1 19890426; EP 0312654 B1 19921230; DE 3783371 D1 19930211

DOCDB simple family (application)
EP 87202031 A 19871022; DE 3783371 T 19871022