

Title (en)

Actuating device for automatic blocking of a window wing or the like

Title (de)

Betätigungseinrichtung für die automatische Verriegelung eines Fensterflügels oder dergleichen

Title (fr)

Dispositif de commande pour le verrouillage automatique d'un ouvrant de fenêtre ou analogue

Publication

EP 0626494 B1 19970611 (FR)

Application

EP 94400637 A 19940324

Priority

FR 9306169 A 19930524

Abstract (en)

[origin: EP0626494A1] Operating device for automatically unlocking and opening a window leaf (1), including a moving wing (3) and, possibly, a semi-fixed wing (4) in contact with the edge of the moving wing when the window is closed and able to be immobilised temporarily facing the fixed frame (2) of the window case which receives the two wings by means of a blocking mechanism (9). This device is characterised in that it includes, inside a housing (10) of the semi-fixed wing or of the frame, an operating knob (8) able to release an operating rod (18) subjected to the action of a triggering spring (21) and acting in vertical displacement over a cam (25) mounted so that it can pivot about a horizontal spindle (26) supported by the semi-fixed wing or the frame, this cam including a notch (27) for receiving a catch (28) carried by the moving wing, so that the pivoting of the cam inside the housing under the effect of the operating rod controlled by the knob, results in a force on the latch of the moving wing, separating it from the semi-fixed wing, itself eventually released by releasing the blocking mechanism. <IMAGE>

IPC 1-7

E05C 3/24

IPC 8 full level

E05C 3/24 (2006.01); **E05C 7/04** (2006.01); **E05C 9/00** (2006.01); **E05B 17/00** (2006.01); **E05B 53/00** (2006.01); **E05B 63/00** (2006.01)

CPC (source: EP)

E05C 3/24 (2013.01); **E05C 7/04** (2013.01); **E05C 9/00** (2013.01); **E05B 17/0037** (2013.01); **E05B 53/003** (2013.01); **E05B 63/0052** (2013.01)

Cited by

WO2009083190A1; EP1621833A3; CN101868588A; EP0992645A1; GB2470108A; EP2322382A1; US10329759B2; US7195293B2; US8491021B2; US8517433B2

Designated contracting state (EPC)

BE CH DE DK ES GB GR IT LI LU NL PT SE

DOCDB simple family (publication)

EP 0626494 A1 19941130; **EP 0626494 B1 19970611**; DE 69403734 D1 19970717; DE 69403734 T2 19970918; DK 0626494 T3 19971229; ES 2105543 T3 19971016; FR 2705723 A1 19941202; FR 2705723 B1 19950804; GR 3024329 T3 19971031

DOCDB simple family (application)

EP 94400637 A 19940324; DE 69403734 T 19940324; DK 94400637 T 19940324; ES 94400637 T 19940324; FR 9306169 A 19930524; GR 970401971 T 19970731