

Title (en)

Lifting device for a sash of a door, window or the like

Title (de)

Anhebevorrichtung für den Flügel einer Tür , eines Fensters oder dergleichen

Title (fr)

Dispositif de relevage pour châssis ouvrant de porte, fenêtre ou analogue

Publication

EP 1004737 B1 20040414 (FR)

Application

EP 99440271 A 19991007

Priority

FR 9815014 A 19981126

Abstract (en)

[origin: EP1004737A1] The lifting device comprises a lever pivoted on a support plate and able to engage a support stop on the frame. The lever is subjected to a resilient return means (20,21) to cause its tipping into a waiting position in the direction of the stop once the door opens. The resilient return means push back the lever in either one direction (22) or another (23) relative to the support plate. Retractable retaining means (20,21) prevent tipping of the lever so that the elimination or retraction of one of the retaining means causes the tipping of the lever in a specified direction.

IPC 1-7

E05F 7/06; **E05D 15/526**

IPC 8 full level

E05D 15/526 (2006.01); **E05F 7/06** (2006.01)

CPC (source: EP)

E05D 15/526 (2013.01); **E05F 7/06** (2013.01); **E05D 2015/5266** (2013.01); **E05Y 2201/686** (2013.01); **E05Y 2600/322** (2013.01); **E05Y 2800/00** (2013.01); **E05Y 2900/148** (2013.01)

Cited by

EP1104833A3; BE1015265A3; EP1227207A3; EP1447509A3; WO2004057141A3

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 1004737 A1 20000531; **EP 1004737 B1 20040414**; AT E264445 T1 20040415; DE 69916405 D1 20040519; DE 69916405 T2 20050525; FR 2786527 A1 20000602; FR 2786527 B1 20010119

DOCDB simple family (application)

EP 99440271 A 19991007; AT 99440271 T 19991007; DE 69916405 T 19991007; FR 9815014 A 19981126