

Title (en)

Servo-lifting device

Title (de)

Servohebevorrichtung

Title (fr)

Dispositif de levage servo-assisté

Publication

EP 1533439 A2 20050525 (EN)

Application

EP 04388084 A 20041120

Priority

CN 200320121956 U 20031121

Abstract (en)

The invention discloses a servo-lifting device that can be used for windows. It comprises a lifting arm with one free end and the other end hinged to the gliding element, characterized in that a gliding element is placed on a rail in order to be able to slide; a rod is connected at one end with the gliding element, further comprising a lifting spring with one end fixed relative to the rod and the other end fixed relative to the rail. This type of the servo-lifting device can keep the window stationary at any position of the open range and is suitable for different slope roofs. It is simply structured, conveniently mounted and low cost. Other than used in a roofwindow, it can be used in other types of window, door or other field.

IPC 1-7

E04D 13/035; **E05F 1/10**

IPC 8 full level

E04D 13/035 (2006.01); **E05F 1/10** (2006.01)

CPC (source: EP)

E04D 13/0357 (2013.01); **E05F 1/1058** (2013.01); **E05Y 2201/686** (2013.01); **E05Y 2900/152** (2013.01)

Citation (applicant)

WO 9516097 A1 19950615 - RASMUSSEN KANN IND AS [DK], et al

Cited by

EP2752549A1; EA013778B1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1533439 A2 20050525; **EP 1533439 A3 20090121**; **EP 1533439 B1 20150225**; CN 2703061 Y 20050601; PL 1533439 T3 20150731

DOCDB simple family (application)

EP 04388084 A 20041120; CN 200320121956 U 20031121; PL 04388084 T 20041120