

Title (en)

Checking device for a pivoting wing of a window, door or the like

Title (de)

Ausstellvorrichtung für einen Drehflügel eines Fensters, einer Tür oder dergleichen

Title (fr)

Bras de compas pour battant articulé de fenêtre, porte ou similaire

Publication

**EP 1316665 A3 20051005 (DE)**

Application

**EP 02023933 A 20021025**

Priority

DE 10159687 A 20011128

Abstract (en)

[origin: EP1316665A2] Hook-out arrangement (10) is arranged in a leaf closing position and has leaf guiding devices (14) provided with a curve guiding system (18) interacting with a frame. The curve guiding system with a guiding curve (22) has a supporting element (20) hinged on the frame. The guiding curve is formed as a guiding slit or groove into which a control pin protrudes. The control pin is connected with a leaf plate (26) fixed to a leaf. <??>Preferred Features: The support element is formed as a supporting plate and is in contact with the frame. The control pin is connected to the leaf plate and during the leaf rotating movement interacts with the guiding slot or groove.

IPC 1-7

**E05D 15/52**

IPC 8 full level

**E05D 15/52** (2006.01); **E05D 7/10** (2006.01); **E05D 15/30** (2006.01); **E05D 15/44** (2006.01)

CPC (source: EP)

**E05D 15/5211** (2013.01); **E05D 7/1072** (2013.01); **E05D 15/30** (2013.01); **E05D 15/44** (2013.01); **E05D 2007/0469** (2013.01); **E05Y 2201/21** (2013.01); **E05Y 2201/26** (2013.01); **E05Y 2900/132** (2013.01); **E05Y 2900/148** (2013.01)

Citation (search report)

- [X] US 3509663 A 19700505 - MILLER ROLLAND L
- [X] DE 2750178 A1 19790510 - WINKHAUS FA AUGUST

Cited by

CN107939189A; EP1936085A1; CN110043145A; EP1630330A1; EP2511463A1; EA014799B1; WO2008119451A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**EP 1316665 A2 20030604**; **EP 1316665 A3 20051005**; **EP 1316665 B1 20100317**; AT E461342 T1 20100415; DE 10159687 A1 20030618; DE 10159687 B4 20100311; DE 50214285 D1 20100429; SI 1316665 T1 20100730

DOCDB simple family (application)

**EP 02023933 A 20021025**; AT 02023933 T 20021025; DE 10159687 A 20011128; DE 50214285 T 20021025; SI 200230902 T 20021025