

Title (en)
Motorized checking assembly

Title (de)
Motorisch antreibbare oder angetriebene Scherenanordnung

Title (fr)
Ensemble de compas motorisé

Publication
EP 1553254 A3 20070502 (DE)

Application
EP 05100097 A 20050110

Priority
DE 102004001806 A 20040110

Abstract (en)
[origin: EP1553254A2] Motor-driven scissor-type assembly (3) for actuating a pivot-hung or top-hung leaf (1) of a window comprises a housing (12) for fixing on the inner surface (2) of the window frame, a first scissor element (4) hinged at one end on the leaf and at the other end on the housing, and a second scissor element (13) hinged at one end on the housing and at the other end on the first scissor element and having a control curve (16) in which a drive pin (19) engages. The drive pin is connected to a motor-driven drive element (17), especially a connecting rod and/or a spindle nut of a spindle drive. A locking plate with a locking opening open on one side is mounted on the leaf. A locking pin (21) protruding freely outward from the housing has on its free end an engaging head (23) that in a closed position engages in a locking manner in the locking opening of the locking plate. - An INDEPENDENT CLAIM is also included for a process for actuating a pivot-hung or top-hung leaf of a window.

IPC 8 full level
E05F 15/12 (2006.01); **E05C 17/24** (2006.01); **E05D 15/30** (2006.01); **E05F 11/08** (2006.01); **E05B 47/00** (2006.01); **E05D 15/52** (2006.01)

CPC (source: EP)
E05C 17/24 (2013.01); **E05D 15/30** (2013.01); **E05F 11/24** (2013.01); **E05F 15/63** (2015.01); **E05B 47/0012** (2013.01); **E05B 2047/0016** (2013.01); **E05D 15/5205** (2013.01); **E05Y 2900/148** (2013.01)

Citation (search report)
• [XY] DE 19611222 A1 19970925 - ESCO METALLBAUBESCHLAG HANDEL GMBH [DE]
• [X] DE 3622943 A1 19880114 - HAUTAU GMBH W [DE]
• [Y] WO 0214638 A1 20020221 - SIEGENIA FRANK KG [DE]

Cited by
JP2019127691A; IT202100012779A1; EP2143864A1; GB2462687B

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

Designated extension state (EPC)
AL BA HR LV MK YU

DOCDB simple family (publication)
EP 1553254 A2 20050713; **EP 1553254 A3 20070502**; DE 102004001806 A1 20050811; DE 102004001806 B4 20130314

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