

Title (en)

Checking assembly, suitable for motorized opening, closing or holding of wings

Title (de)

Scherenanordnung, geeignet zum motorisch betriebenen Einstellen, Ausstellen oder Halten von Fluegeln

Title (fr)

Arrangement de compas, convenant à l'ouverture, la fermeture ou le maintien motorisé de battants

Publication

EP 1507058 A3 20091125 (DE)

Application

EP 04103917 A 20040813

Priority

DE 10337480 A 20030814

Abstract (en)

[origin: EP1507058A2] The motorised scissor assembly has an elongated housing (1) with a first longitudinal extension for the scissor assembly (7) and with a motorised drive on the inside of a second longitudinal extension. An engagement unit is longitudinally displaceable on a side opposite the attachment site of the scissors through a thread-less elongated shear rail which is coupled to the motorised drive. A nut longitudinally displaceable by a spindle rod is coupled to the drive. The drive has two synchronised elongated shear members. Two scissor-free sides of the housing are set close together so that the opposing end sides do not have the same width. Independent claim describes structural space for holding electric or electronic switch units and extends between one end of the electric drive unit with motor and gearing, and a rear side of a connecting terminal.

IPC 8 full level

E05D 15/30 (2006.01); **E05F 15/12** (2006.01); **E05F 11/08** (2006.01)

CPC (source: EP)

E05D 15/30 (2013.01); **E05F 15/622** (2015.01); **E05F 15/63** (2015.01); **E05F 11/08** (2013.01); **E05Y 2201/10** (2013.01); **E05Y 2201/11** (2013.01); **E05Y 2201/22** (2013.01); **E05Y 2201/434** (2013.01); **E05Y 2600/40** (2013.01); **E05Y 2800/00** (2013.01); **E05Y 2900/132** (2013.01); **E05Y 2900/148** (2013.01)

Citation (search report)

- [DXAY] EP 1223287 A2 20020717 - HAUTAU GMBH W [DE]
- [X] EP 0599809 A2 19940601 - WINKHAUS FA AUGUST [DE]
- [XAY] DE 29714237 U1 19971009 - GRETSCH UNITAS GMBH [DE]
- [A] EP 1076147 A2 20010214 - WINKHAUS FA AUGUST [DE]
- [A] EP 0727554 A2 19960821 - ISENEGGER BERNARD [CH]
- [A] DE 19728713 A1 19980129 - HAUTAU GMBH W [DE]

Designated contracting state (EPC)

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

Designated extension state (EPC)

AL HR LT LV MK

DOCDB simple family (publication)

EP 1507058 A2 20050216; **EP 1507058 A3 20091125**; **EP 1507058 B1 20131023**; **EP 1507058 B2 20200318**; DE 10337480 A1 20050324; DE 10337480 B4 20070426

DOCDB simple family (application)

EP 04103917 A 20040813; DE 10337480 A 20030814