

Title (en)

Turn-tilt mechanism for windows of small dimensions

Title (de)

Drehkippeinrichtung für Fenster mit kleinen Abmessungen

Title (fr)

Mécanisme oscillo-battant pour fenêtres de petites dimensions

Publication

EP 1441097 A1 20040728 (EN)

Application

EP 04386002 A 20040114

Priority

GR 2003100014 A 20030114

Abstract (en)

A turn-tilt mechanism for windows of extraordinarily small width of the order of 25-35 cm that are not capable to receive mechanisms of the prior art. The achievement of the proposed mechanism is the elimination of the previously employed connection bars of the scissor to the slotted angle bend of the mechanism. The mechanism comprises a slotted angle bend (1) within which moves a motion transmitting steel strap assembly (8) for transferring the movement of an operating handle (27) to the mechanism, an L-shaped end flat metal bar (2) connected to an upper hinge (24) of pivotal connection of the window casement and a link scissor member (3) associated with a supplementary arm (7) for the connection of angle bend (1) and end flat metal bar (2), where member (3) moves so as to alternatively bring parts (1,2) in alignment providing for the window turning operation or set them at an angle providing for window tilting. <IMAGE>

IPC 1-7

E05D 15/52

IPC 8 full level

E05D 15/52 (2006.01)

CPC (source: EP)

E05D 15/5205 (2013.01); **E05Y 2900/148** (2013.01)

Citation (search report)

- [AD] US 3994093 A 19761130 - MAYER SIEGFRIED, et al
- [AD] GB 2067638 A 19810730 - WINKHAUS H
- [A] DE 7636855 U

Cited by

CN101929296A; WO2009154343A1; WO2021072800A1

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 PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1441097 A1 20040728; GR 1004525 B 20040406

DOCDB simple family (application)

EP 04386002 A 20040114; GR 2003100014 A 20030114