

Title (en)
WINDOW OR DOOR STRUCTURE

Title (de)
FENSTER-ODER TÜRAUFBAU

Title (fr)
STRUCTURE DE FENETRE OU DE PORTE

Publication
EP 1370742 B1 20060111 (DE)

Application
EP 02737893 A 20020321

Priority
• DE 10113784 A 20010321
• EP 0203188 W 20020321

Abstract (en)
[origin: US2004128914A1] In a window or door construction, comprising a frame, a casement/leaf attached moveably to the frame and mounting modules between the frame and casement/leaf, to control the casement/leaf an encircling control element is provided which can be driven by a motor and a handle module, is in engagement, in the various positions of the casement/leaf relative to the frame, with at least one mounting module and controls the sequence of movement of the mounting modules in such a manner that a clear sequence of the casement/leaf movements is ensured by the sequential succession of the control movements of the control element and of a slide, which is driven by the motor and can be connected to the control element.

IPC 8 full level
E05F 15/60 (2015.01); **E05D 15/58** (2006.01); **E05F 15/611** (2015.01); **E05D 15/52** (2006.01)

CPC (source: EP KR US)
E05D 15/34 (2013.01 - EP US); **E05D 15/58** (2013.01 - EP US); **E05F 15/611** (2015.01 - EP KR US); **E05D 15/52** (2013.01 - EP US); **E05F 15/63** (2015.01 - EP US); **E05Y 2201/638** (2013.01 - EP US); **E05Y 2800/75** (2013.01 - EP US); **E05Y 2900/148** (2013.01 - EP US)

Cited by
CN105625860A

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
US 2004128914 A1 20040708; AT E315712 T1 20060215; BR 0208260 A 20040309; CA 2441460 A1 20021031; CN 1261665 C 20060628; CN 1498302 A 20040519; CZ 20032799 A3 20040512; DE 10113784 A1 20021002; DE 50205585 D1 20060406; EE 04787 B1 20070215; EE 200300446 A 20031215; EP 1370742 A1 20031217; EP 1370742 B1 20060111; ES 2251597 T3 20060501; JP 2004530818 A 20041007; KR 20030090683 A 20031128; PL 365845 A1 20050110; RU 2003130970 A 20050310; RU 2288335 C2 20061127; SK 12912003 A3 20050804; WO 02086271 A1 20021031

DOCDB simple family (application)
US 47192003 A 20030917; AT 02737893 T 20020321; BR 0208260 A 20020321; CA 2441460 A 20020321; CN 02806831 A 20020321; CZ 20032799 A 20020321; DE 10113784 A 20010321; DE 50205585 T 20020321; EE P200300446 A 20020321; EP 0203188 W 20020321; EP 02737893 A 20020321; ES 02737893 T 20020321; JP 2002583774 A 20020321; KR 20037012253 A 20030919; PL 36584502 A 20020321; RU 2003130970 A 20020321; SK 12912003 A 20020321