

Title (en)

Rotating shaft assembly for a door, in particular for a roller door and such a door

Title (de)

Drehwellenanordnung für ein Tor, insbesondere für ein Rollltor, und ein solches Tor

Title (fr)

Agencement d'arbres rotatifs pour une porte, notamment pour une porte roulante et une telle porte

Publication

EP 2131003 B1 20150812 (DE)

Application

EP 09161913 A 20090604

Priority

DE 102008026707 A 20080604

Abstract (en)

[origin: EP2131003A2] The arrangement (10) has a rotary shaft (20) rotatable around a rotational axis (D), and a weight balancing device engaged to the rotary shaft. The balancing device is provided with a balancing characteristic for balancing weight of a door leaf of a door, where the door leaf is attached to the rotary shaft in a rotationally fixed manner, and the balancing characteristic is variable. The balancing device is positionable in predetermined positions in a predetermined angle relative to the rotational axis for varying the balancing characteristic. An independent claim is also included for a door comprising a door leaf.

IPC 8 full level

E05F 15/00 (2015.01); **E05D 13/00** (2006.01); **E05F 15/686** (2015.01); **E06B 9/171** (2006.01); **E06B 9/174** (2006.01)

CPC (source: EP)

E05D 13/1223 (2013.01); **E05F 15/686** (2015.01); **E06B 9/171** (2013.01); **E06B 9/174** (2013.01); **E05Y 2900/106** (2013.01)

Citation (examination)

DE 202004014167 U1 20050113 - WEIL LOTHAR [DE]

Cited by

DE102010043530A1; CN113597385A; EP2333227A3; IT201800006306A1; EP2450521A3; EP4296466A1; US2021214987A1; US11885169B2; EP2450521A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 2131003 A2 20091209; EP 2131003 A3 20100728; EP 2131003 B1 20150812; DE 102008026707 A1 20091210;
DE 102008026707 B4 20170511

DOCDB simple family (application)

EP 09161913 A 20090604; DE 102008026707 A 20080604