

Title (en)

REAR MOUNT COUNTERBALANCE SYSTEM FOR SECTIONAL DOORS

Title (de)

HINTEN ANGEBRACHTES GEWICHTSAUSGLEICHSSYSTEM FÜR SEKTIONALTÖRE

Title (fr)

SYSTEME DE CONTREPOIDS A MONTAGE ARRIERE DESTINE A DES PORTES EN SECTIONS

Publication

**EP 0771383 A1 19970507 (EN)**

Application

**EP 96916494 A 19960517**

Priority

- US 9607177 W 19960517
- US 44654095 A 19950519

Abstract (en)

[origin: WO9636784A1] An overhead door system (210) for moving a sectional door (D') having top, bottom and intermediate hinged panels (221, 222, 223, 224) between a closed vertical position proximate a door frame (212) and an open horizontal position including a substantially vertical track section (251) for engaging a plurality of rollers (237) attached to and spaced from the bottom and intermediate panels, a curved transition track section (253) commencing at the upper extremity of the vertical track section for changing the direction of travel of the plurality of rollers, a first horizontal track section (255) extending from the transition track section for receiving the plurality of rollers to support the door in the open horizontal position, a second horizontal track section (260) for guiding a top panel roller (232) positioned proximate the top (231) of the top panel from the open position to the closed position of the door, and a rear counterbalancing system (280) mounted proximate the ends (264) of the horizontal track sections remote from the door frame and operatively interrelated with the door.

IPC 1-7

**E05D 15/24**; **E05D 13/00**

IPC 8 full level

**E05D 15/24** (2006.01)

CPC (source: EP)

**E05D 13/1261** (2013.01); **E05D 15/246** (2013.01); **E05Y 2600/40** (2013.01); **E05Y 2900/106** (2013.01)

Citation (search report)

See references of WO 9636784A1

Designated contracting state (EPC)

AT DE FR GB IT NL SE

DOCDB simple family (publication)

**WO 9636784 A1 19961121**; AU 5922396 A 19961129; AU 717775 B2 20000330; CA 2194997 A1 19961121; EP 0771383 A1 19970507

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**US 9607177 W 19960517**; AU 5922396 A 19960517; CA 2194997 A 19960517; EP 96916494 A 19960517