

Title (en)
Sectional door

Title (de)
Sektionaltor

Title (fr)
Porte sectionelle

Publication
EP 1496185 B1 20051221 (DE)

Application
EP 04012836 A 20040529

Priority
DE 10330693 A 20030708

Abstract (en)
[origin: EP1496185A1] A method for fitting a servo drive to a sectional door, e.g. a garage door has a flexible C-profiled guide (12) fitted to one side of the existing guide (2) at one side of the door. The flexible guide holds a chain or flexible rack (11) which meshes with a pinion wheel drive (6) of the servo. The servo tractor unit is fitted with guide wheels (7, 12) which follow the two tracks and is connected to the upper panel (3) by a drag arm. The servo system can be retro-fitted to existing doors and requires no additional headroom.

IPC 1-7
E05F 15/16; E05D 15/24

IPC 8 full level
E05F 15/16 (2006.01); **E05D 15/24** (2006.01)

CPC (source: EP)
E05F 15/67 (2015.01); **E05D 15/24** (2013.01); **E05F 15/684** (2015.01); **E05Y 2201/434** (2013.01); **E05Y 2201/604** (2013.01); **E05Y 2201/684** (2013.01); **E05Y 2201/708** (2013.01); **E05Y 2600/46** (2013.01); **E05Y 2900/106** (2013.01)

Cited by
CN114207239A; CN101910540A; AU2008346551B2; US11761250B2; WO2020249395A1; WO2009086866A1; US8479446B2; US12098584B2

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

DOCDB simple family (publication)
EP 1496185 A1 20050112; **EP 1496185 B1 20051221**; AT E313685 T1 20060115; DE 10330693 A1 20050217; DE 10330693 B4 20090528; DE 502004000195 D1 20060126; ES 2255019 T3 20060616

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