

Title (en)
Sectional door with drive mechanism

Title (de)
Sektionaltor mit Antrieb

Title (fr)
Porte sectionelle avec mécanisme d'entraînement

Publication
EP 1650387 A1 20060426 (EN)

Application
EP 04025202 A 20041022

Priority
EP 04025202 A 20041022

Abstract (en)
Door, in particular a sectional door, comprising at least one panel, guide means, which are adapted to guide the panel during displacement between an opened-positioned and a closed-position, and driving means for displacing said at least one panel, wherein said driving means comprising at least one conveyor element and a reduction device, such as a lifting tackle, wherein said reduction device comprises a displaceable element and a transmission element having a first end and an operative end, wherein said first end is mounted either to said displaceable element, while an intermediate portion of said transmission element is reversed at least once by a substantially stationary reverse element, or mounted substantially stationary with respect to said displaceable element, and said conveyor element is adapted to convert displacement of said displaceable element into displacement of said panel.

IPC 8 full level
E05F 11/48 (2006.01); **E05F 15/16** (2006.01)

CPC (source: EP)
E05F 11/48 (2013.01); **E05F 11/54** (2013.01); **E05F 15/686** (2015.01); **E05D 15/24** (2013.01); **E05Y 2201/67** (2013.01); **E05Y 2900/106** (2013.01)

Citation (applicant)
US 4493164 A 19850115 - WAGNER RICHARD P [US]

Citation (search report)
• [X] US 3103969 A 19630917 - KITLEY FRED L
• [X] US 1816258 A 19310728 - BEARD LAKE WILLIAM

Cited by
WO2007138009A1

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

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