

Title (en)  
TURNING DEVICE FOR OVERHEAD SECTIONAL DOORS

Title (de)  
DREHVORRICHTUNG FÜR SEKTIONSKIPPTORE

Title (fr)  
DISPOSITIF DE MISE EN ROTATION DE PORTES BASCULANTES A SECTIONS

Publication  
**EP 0681637 B1 19980715 (EN)**

Application  
**EP 94905117 A 19940124**

Priority  
• FI 9400030 W 19940124  
• FI 930348 A 19930127

Abstract (en)  
[origin: WO9417270A1] The invention relates to a turning device for overhead sectional doors, which door comprises a plurality of adjacent interarticulated panels (1), rollers (3) disposed at the outermost hinge points of the panels and in the vicinity of the lower and upper edges of the door, and intended to move along a rail (5) on each side of the door, the uppermost rollers being fitted to the door by means of turning arms (4) and each rail (5) comprising a vertical portion (5a) attached to the door jamb, a horizontal portion (5b) substantially at the height of the upper edge of the door, and a bent portion (5c) connecting the vertical and horizontal portions. The turning device arranged at least at one edge of the door comprises lever arm means (7) attached to the door; means for positive control (8) fixedly mounted on the door jamb or the rail (5) and adapted to contact the lever arm means (7) a predetermined length; and a drive arm (9) disposed between the lever arm means (7) and the arm (4) of the uppermost roller, whereby when the door is opened the means for positive control (8) turn the lever arm means (7) which in turn, by means of the drive arm (9), force the uppermost roller (3) and the uppermost panel (1) closer to each other, thus forcing the panel (1) to turn.

IPC 1-7  
**E05D 15/24**; **E05D 15/38**; **E06B 3/48**

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

CPC (source: EP)  
**E05D 15/248** (2013.01); **E05Y 2900/132** (2013.01)

Designated contracting state (EPC)  
BE DE DK FR GB LU NL SE

DOCDB simple family (publication)  
**WO 9417270 A1 19940804**; AU 5885994 A 19940815; DE 69411710 D1 19980820; EP 0681637 A1 19951115; EP 0681637 B1 19980715; FI 91986 B 19940531; FI 91986 C 19940912; FI 930348 A0 19930127

DOCDB simple family (application)  
**FI 9400030 W 19940124**; AU 5885994 A 19940124; DE 69411710 T 19940124; EP 94905117 A 19940124; FI 930348 A 19930127