

Title (en)
DRIVE MECHANISM FOR A CURVED SLIDING DOOR

Title (de)
ANTRIEB FÜR EINE BOGENSCHIEBETÜR

Title (fr)
DISPOSITIF DE COMMANDE DE PORTE COULISSANTE EN ARC

Publication
EP 0681638 B1 19990512 (DE)

Application
EP 93920673 A 19930928

Priority
• DE 9300923 W 19930928
• DE 4302684 A 19930201

Abstract (en)
[origin: WO9424396A1] A drive mechanism for a curved sliding door consists of a continuous belt (5) that runs over deflection rollers (1, 2, 3, 4) and is linked on each side with a slider (8, 9) that travels on a slide rail (10, 11). The sliders (8, 9) are connected with the moving wings (16, 17) by means of connector arms (14, 15). The continuous belt is driven by a motor (21) which through the deflection of the belt brings the moving wings into either the open position or the closed position.

IPC 1-7
E05F 15/14; **E05F 17/00**; **E06B 3/90**

IPC 8 full level
E05F 15/00 (2015.01); **E05F 15/632** (2015.01); **E05F 17/00** (2006.01); **E06B 3/90** (2006.01)

CPC (source: EP US)
E05F 15/632 (2015.01 - EP US); **E05F 17/004** (2013.01 - EP US); **E06B 3/903** (2013.01 - EP US); **E05Y 2900/132** (2013.01 - EP US)

Designated contracting state (EPC)
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