

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 A1 19951115 (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)

Citation (search report)
See references of WO 9424396A1

Designated contracting state (EPC)
AT BE CH DK ES FR GB IT LI NL SE

DOCDB simple family (publication)
WO 9424396 A1 19941027; AT E180039 T1 19990515; CZ 192095 A3 19960214; CZ 283973 B6 19980715; DE 4302684 C1 19940224; DK 0681638 T3 19991129; EP 0681638 A1 19951115; EP 0681638 B1 19990512; ES 2078200 T1 19951216; ES 2078200 T3 19990801; PL 172373 B1 19970930; PL 310076 A1 19951127; SK 284038 B6 20040803; SK 95395 A3 19960207

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