

Title (en)

APPARATUS AND METHOD FOR PROVIDING A MODULAR SLIDING DOOR MECHANISM

Title (de)

VORRICHTUNG UND VERFAHREN ZUR BEREITSTELLUNG EINES MODULAREN SCHIEBETÜRMECHANISMUS

Title (fr)

APPAREIL ET PROCEDE POUR MENAGER UN MECANISME DE PORTE COULISSANTE MODULAIRE

Publication

EP 1608832 B1 20151202 (EN)

Application

EP 04757799 A 20040318

Priority

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- US 30997004 A 20040311

Abstract (en)

[origin: WO2004085781A2] A modular drive assembly (24) for a sliding door (14), comprising: a guide track having a hinge (28) slidably received therein; a pair of pulleys (48, 50) disposed on either end of the guide track; a pair of cables (38) each having an end that is secured to the hinge and the other end is secured to a cable drum (40) of a motor drive unit (42) mounted to the guide track, the motor drive unit being configured to rotate the cable drum, wherein the cable drum is also capable of freely rotating within the motor drive unit when the motor drive unit is not rotating the cable drum, wherein rotation of the cable drum causes the hinge to move in the guide track as one of the cables wraps onto the cable drum while the other one of the cables wraps off of the cable drum.

IPC 8 full level

E05D 15/10 (2006.01); **E05F 11/00** (2006.01); **E05F 11/52** (2006.01); **E05F 15/646** (2015.01); **E06B 3/00** (2006.01)

IPC 8 main group level

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