

Title (en)

Actuating device for a sliding door using an electromotor.

Title (de)

Elektromotorische Betätigungsvorrichtung für eine Schiebetür

Title (fr)

Dispositif d'entraînement de porte coulissante par un moteur électrique

Publication

**EP 0905345 A3 20000315 (DE)**

Application

**EP 98116747 A 19980904**

Priority

DE 19742607 A 19970926

Abstract (en)

[origin: EP0905345A2] A sliding door, e.g. in a vehicle, is driven by an electric motor (4) mounted external to the door. The servo drive is activated by two sensors (10,11) which monitor the movement of the door handle. At least one end stop sensor (9) is activated by a stop (7) on the door when in the fully open position. Another, or the same, sensor monitors the fully closed position of the door. A simple control logic activates the servo drive from either end stop setting. No manual force is required to operate the door.

IPC 1-7

**E05F 15/14**; **E05F 15/20**

IPC 8 full level

**E05F 15/00** (2015.01); **E05F 15/14** (2006.01); **E05F 15/632** (2015.01); **E05F 15/70** (2015.01); **E05F 15/20** (2006.01)

CPC (source: EP US)

**E05F 15/00** (2013.01 - EP US); **E05F 15/632** (2015.01 - EP US); **E05F 15/70** (2015.01 - EP US); **E05Y 2201/434** (2013.01 - US); **E05Y 2400/30** (2013.01 - US); **E05Y 2400/44** (2013.01 - US); **E05Y 2400/86** (2013.01 - EP US); **E05Y 2900/531** (2013.01 - EP US)

Citation (search report)

- [X] DE 3816175 A1 19891123 - BODE & CO GEB [DE]
- [PX] DE 19706393 A1 19971009 - KIEKERT AG [DE]
- [PX] DE 19702698 A1 19971009 - KIEKERT AG [DE]
- [X] DE 19518396 A1 19961121 - GEZE GMBH & CO [DE]

Designated contracting state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

**EP 98116747 A 19980904**; DE 19742607 A 19970926; DE 59814454 T 19980904; US 16001698 A 19980924