

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 B1 20100602 (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 8 full level

E05F 15/00 (2015.01); **E05F 15/632** (2015.01); **E05F 15/70** (2015.01)

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 (examination)

US 5216838 A 19930608 - DELAND DANIEL L [US], et al

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 0905345 A2 19990331; **EP 0905345 A3 20000315**; **EP 0905345 B1 20100602**; DE 19742607 A1 19990401; DE 19742607 B4 20100729; DE 59814454 D1 20100715; US 6150732 A 20001121

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