

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 A2 19990331 (DE)**

Application

**EP 98116747 A 19980904**

Priority

DE 19742607 A 19970926

Abstract (en)

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.

Abstract (de)

Zum elektromotorischen Schließen einer Kraftfahrzeug-Schiebetür (1) ohne manuellen Kraftaufwand und Betätigen eines Schalters enthält ein Betätigungsstromkreis (5) des Elektromotors (4) zumindest einen Sensor (10, 11) für Stellungsänderungen von Türgriffen, hervorgerufen durch manuelle Türbewegungsbefehle. <IMAGE>

IPC 1-7

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

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 (applicant)

- DE 19639974 A1 19970612 - OHI SEISAKUSHO CO LTD [JP]
- US 5434487 A 19950718 - LONG JOSEPH D [US], et al
- EP 0122556 A2 19841024 - NISSAN MOTOR [JP]

Designated contracting state (EPC)

DE ES FR GB IT

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