

Title (en)

Actuator for opening and/or closing a moveable leaf, in particular of a door or window

Title (de)

Antrieb zum Öffnen und/oder Schließen eines beweglichen Flügels einer Tür oder eines Fensters

Title (fr)

Entraînement destiné à ouvrir et/ou fermer un battant mobile d'une porte ou d'une fenêtre

Publication

**EP 2540947 B1 20170614 (DE)**

Application

**EP 12173527 A 20120626**

Priority

DE 102011078394 A 20110630

Abstract (en)

[origin: EP2540947A1] The actuator (1) has a drive device (2) driving a movable leaf (6), and a control device controlling the drive device based on an output signal of a sensor device (9) i.e. sensor strip, which delivers status messages to the control device. The signal is shifted between two signal frequencies in case of detection of an object at detection frequency. A switching frequency is predetermined for time points of shifting of the signal frequencies. The detection frequency is significantly deviated from the signal frequencies. The strip is formed at a region of an upper horizontal edge of the leaf. The object can be a person and/or an article.

IPC 8 full level

**E05F 15/43** (2015.01); **E05F 15/73** (2015.01)

CPC (source: EP)

**E05F 15/43** (2015.01); **E05F 15/73** (2015.01); **E05Y 2800/40** (2013.01); **E05Y 2900/132** (2013.01)

Cited by

US11761253B2; WO2019201757A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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