

Title (en)

A DOOR MECHANISM AND A CONTROL METHOD

Title (de)

TÜRMECHANISMUS UND STEUERUNGSVERFAHREN

Title (fr)

MÉCANISME DE PORTE ET PROCÉDÉ DE COMMANDE

Publication

EP 3460159 A1 20190327 (EN)

Application

EP 17192032 A 20170920

Priority

EP 17192032 A 20170920

Abstract (en)

This invention relates to a door mechanism (1) comprising: a drive element (2) which is connected to a door (5) for moving the door. A primary motor (8) rotates the primary pulley (3) and moves the drive element (2). Also a secondary motor (9) rotates a secondary pulley (4) and moves the drive element (2). To obtain a cost efficient and energy efficient door mechanism, the controller (10) controls supply of electricity to the primary motor (8) and the secondary motor (9) independently of each other such that mainly electricity is supplied to the primary motor only, and such that electricity is supplied simultaneously to both to the primary motor (8) and secondary motor (9) only in predetermined situations.

IPC 8 full level

E05F 15/643 (2015.01)

CPC (source: EP)

E05F 15/643 (2015.01); **E05Y 2400/31** (2013.01); **E05Y 2400/41** (2013.01); **E05Y 2800/242** (2013.01)

Citation (search report)

- [XAI] DE 19835632 C1 19991209 - AGTA RECORD AG FEHRALTORF [CH]
- [A] EP 0947658 A2 19991006 - GEZE GMBH [DE], et al

Designated contracting state (EPC)

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Designated extension state (EPC)

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DOCDB simple family (publication)

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