

Title (en)

Speed controller for aperture closing elements and method for controlling speed of said elements

Title (de)

Geschwindigkeitssteuerung für Öffnungsverschlusselemente und Verfahren zur Geschwindigkeitssteuerung dieser Elemente

Title (fr)

Contrôleur de vitesse pour des éléments de fermeture et procédé de contrôle de la vitesse de ces éléments

Publication

**EP 2138661 B1 20121017 (EN)**

Application

**EP 08159128 A 20080626**

Priority

EP 08159128 A 20080626

Abstract (en)

[origin: EP2138661A1] The present invention refers to a speed controller for an aperture closing element, and to a method for controlling speed of said element. According to the invention, a speed controller for an aperture closing element (31) that is movable between a first position wherein said aperture is closed by said closing element (31) and a second position wherein said aperture is at least partly opened comprises a movable member (5) adapted to be associated to a portion of said closing element (31), and a movement transmission assembly (11, 18, 19, 20). Said speed controller is characterised in that said transmission assembly (11, 18, 19, 20) comprises, in combination, a motor-dynamo (20) and a one-way clutch (18) arranged such that a first movement can be transferred from the movable member (5) to said motor-dynamo and a second movement, opposed to said first movement, can be transferred from said motor-dynamo (20) to the movable member (5).

IPC 8 full level

**E05F 3/22** (2006.01); **A47B 88/04** (2006.01); **E05F 5/00** (2006.01); **E05F 5/02** (2006.01); **E05F 15/14** (2006.01)

CPC (source: EP US)

**E05F 1/16** (2013.01 - EP US); **E05F 3/221** (2013.01 - EP); **E05F 3/224** (2013.01 - EP US); **E05F 5/003** (2013.01 - EP US); **E05F 15/63** (2015.01 - EP US); **E05F 15/652** (2015.01 - EP US); **E05F 3/227** (2013.01 - EP); **E05Y 2201/214** (2013.01 - EP); **E05Y 2201/234** (2013.01 - EP); **E05Y 2201/24** (2013.01 - EP); **E05Y 2201/426** (2013.01 - EP); **E05Y 2201/434** (2013.01 - EP); **E05Y 2400/3015** (2024.05 - EP); **E05Y 2400/302** (2013.01 - EP); **E05Y 2600/45** (2013.01 - EP); **E05Y 2800/24** (2013.01 - EP); **E05Y 2900/00** (2013.01 - EP); **E05Y 2900/20** (2013.01 - EP)

Cited by

CN107550052A; DE202010007325U1; GB2544256A; GB2544256B; EP2428354A1; WO2010066498A3; WO2011117083A1; WO2012032115A3; US10590691B2; US10982482B2; US11060340B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

**EP 2138661 A1 20091230; EP 2138661 B1 20121017**

DOCDB simple family (application)

**EP 08159128 A 20080626**