

Title (en)

DOOR DRIVE DEVICE, OVERHEAD DOOR, AND OPERATING METHOD THEREFOR

Title (de)

TORANTRIEBSVORRICHTUNG, ÜBERKOPFTOR SOWIE BETRIEBSVERFAHREN HIERFÜR

Title (fr)

SYSTÈME D'ENTRAÎNEMENT DE PORTE, PORTE BASCULANTE ET PROCÉDÉ PERMETTANT DE LES FAIRE FONCTIONNER

Publication

EP 3405636 B1 20220601 (DE)

Application

EP 17700097 A 20170102

Priority

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- DE 102016102703 A 20160216
- EP 2017050031 W 20170102

Abstract (en)

[origin: WO2017125257A1] The invention relates to a door drive device for driving a door shaft of an overhead door comprising a door leaf, with a drive means which is designed to drive the door shaft with an instantaneous drive speed (VA) and which can be connected to the door shaft, the drive means comprising a drive motor, and with a control means designed to control the drive means such that during a start-up, the instantaneous drive speed (VA) is brought to an end start-up drive speed (VEA). The control means is also designed to control the drive means in such a way that during an opening travel movement subsequent to the start-up and/or a closing travel movement subsequent to the start-up, the instantaneous drive speed (VA) is continuously increased or continuously lowered from the end start-up drive speed (VEA) to an end travelling drive speed (VE) depending on the design of the overhead door.

IPC 8 full level

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CPC (source: EP)

E05F 15/603 (2015.01); **E05F 15/668** (2015.01); **E05F 15/70** (2015.01); **E06B 9/15** (2013.01); **E06B 9/58** (2013.01); **E05F 15/40** (2015.01); **E05F 15/686** (2015.01); **E05Y 2400/36** (2013.01); **E05Y 2400/456** (2013.01); **E05Y 2800/176** (2013.01); **E05Y 2900/106** (2013.01); **E06B 9/70** (2013.01)

Citation (examination)

- AU 2009100649 A4 20090813 - SMART OPENERS PTY LTD
- DE 202014103264 U1 20151019 - SOMMER ANTRIEBS & FUNKTECHNIK [DE]

Designated contracting state (EPC)

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