

Title (en)  
CONTROLLER FOR A DOOR OPERATOR

Title (de)  
STEUERGERÄT FÜR EINEN TÜRSCHLIESSER

Title (fr)  
DISPOSITIF DE COMMANDE POUR UN ACTIONNEUR DE PORTE

Publication  
**EP 3143231 A4 20170503 (EN)**

Application  
**EP 15792031 A 20150513**

Priority  
• US 201461993349 P 20140515  
• US 2015030494 W 20150513

Abstract (en)  
[origin: WO2015175614A1] A door operator comprises a door driver for opening and closing a door, a controller including a microprocessor connected to and controlling the door driver, a graphical user interface comprising a display screen with touch select input coupled to the microprocessor to display information stored in the controller and to receive instructions selected from the display screen by a user, and a memory module coupled to the microprocessor and storing code executed by the microprocessor. The microprocessor under control of the code displays to the user various menu items on the graphical user interface display and enables the user to select among the menu items using the display screen with touch select input such that the microprocessor derives a control signal. Circuitry is configured to receive the control signal from the microprocessor and to carry the control signal to the door driver.

IPC 8 full level  
**E05F 15/70** (2015.01); **G08B 13/08** (2006.01)

CPC (source: EP)  
**E05F 15/63** (2015.01); **E05F 15/70** (2015.01); **E05Y 2400/36** (2013.01); **E05Y 2400/456** (2013.01); **E05Y 2400/82** (2013.01); **E05Y 2400/86** (2013.01); **E05Y 2800/00** (2013.01); **E05Y 2900/132** (2013.01)

Citation (search report)  
• [X1] WO 2004053269 A1 20040624 - WAYNE DALTON CORP [US]  
• [XA1] US 2012272576 A1 20121101 - VAN TASSELL III RONALD E [US], et al  
• [X1] US 2013186001 A1 20130725 - CUI XIN [US], et al  
• See references of WO 2015175614A1

Cited by  
WO2021052829A1; EP4105426A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**WO 2015175614 A1 20151119**; CA 2948358 A1 20151119; CA 2948358 C 20210406; CN 106460442 A 20170222; CN 106460442 B 20180413; EP 3143231 A1 20170322; EP 3143231 A4 20170503; EP 3143231 B1 20200304; MX 2016014873 A 20170530; MX 367412 B 20190821; TW 201600703 A 20160101

DOCDB simple family (application)  
**US 2015030494 W 20150513**; CA 2948358 A 20150513; CN 201580026735 A 20150513; EP 15792031 A 20150513; MX 2016014873 A 20150513; TW 104115339 A 20150514