

Title (en)

System and method for opening and closing door leaves, installation comprising such a system, and home automation assembly comprising at least two installations

Title (de)

System und Verfahren zur Öffnung und Schließung von Klappflügeln, mit einem solchen System ausgestattete Anlage und Heimanlage, die mindestens zwei Anlagen umfasst

Title (fr)

Système et procédé d'ouverture et de fermeture de battants, installation équipée d'un tel système, et ensemble domotique comprenant au moins deux installations

Publication

EP 2551434 A3 20130313 (FR)

Application

EP 12178062 A 20120726

Priority

FR 1156806 A 20110726

Abstract (en)

[origin: EP2551434A2] The system (30) has a master actuator (50) cooperating with a covered door leaf (10), and slave actuator (60) cooperating with a covering door leaf (20), where a remote control device (40) controls the master actuator. A unidirectional communication unit e.g. electric cable, allows transmission of reference signals from the control device to the master actuator, or from the control device to the master and slave actuators, or from the master actuator to the slave actuator, without confirmation of reception of signals in return. An independent claim is also included for an installation for controlling opening and closing of door leaves of a gate, a main door, and a window.

IPC 8 full level

E05F 15/12 (2006.01); **E05F 17/00** (2006.01)

CPC (source: EP)

E05F 15/611 (2015.01); **E05F 15/63** (2015.01); **E05F 17/004** (2013.01); **E05F 5/12** (2013.01); **E05F 15/77** (2015.01); **E05Y 2400/40** (2013.01); **E05Y 2800/21** (2013.01); **E05Y 2900/146** (2013.01)

Citation (search report)

- [XDAYI] WO 2010106562 A2 20100923 - RIB SRL [IT], et al
- [XA] US 2009324235 A1 20091231 - BUTLER BRIAN FREDERIC [US]
- [YA] EP 1340877 A2 20030903 - GEZE GMBH [DE]
- [Y] FR 2741651 A1 19970530 - ROHEE RENE DENIS GEORGES [FR]
- [AD] FR 2872537 A1 20060106 - AVIDSEN SOC PAR ACTIONS SIMPLI [FR]

Cited by

FR3101907A1; FR3083813A1; CN110374443A; FR3099511A1

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)

EP 2551434 A2 20130130; EP 2551434 A3 20130313; EP 2551434 B1 20170201; FR 2978477 A1 20130201; FR 2978477 B1 20130816

DOCDB simple family (application)

EP 12178062 A 20120726; FR 1156806 A 20110726