

Title (en)

Autonomous system for opening and closing door leaves, and installation comprising such a system

Title (de)

Autonomes Öffnungs- und Schließsystem für Klappflügel, und mit einem solchen System ausgestattete Anlage

Title (fr)

Système autonome d'ouverture et de fermeture de battants, et installation équipée d'un tel système

Publication

EP 2551435 A3 20130313 (FR)

Application

EP 12178064 A 20120726

Priority

FR 1156808 A 20110726

Abstract (en)

[origin: EP2551435A2] The system (40) has an actuator (50) including a motor for rotating a shaft (52), and a fixing device (53) for fixing to a door leaf (20). Another actuator (60) includes a motor for rotating another shaft (62), and another fixing device (63) for fixing to another door leaf (30). A telescopic bar (70) includes a portion (80) that is integral with the former shaft driven by the motor of the former actuator, and another portion (90) that is integral with the latter shaft driven by the motor of the latter actuator. The door leaves is made of wood, aluminum or PVC. An independent claim is also included for an installation for autonomous opening and closing of leaves of a gate, a door, and a window.

IPC 8 full level

E05F 17/00 (2006.01); **E05F 15/12** (2006.01); **E05F 5/12** (2006.01)

CPC (source: EP)

E05F 15/611 (2015.01); **E05F 17/004** (2013.01); **E05F 5/12** (2013.01); **E05Y 2201/43** (2013.01); **E05Y 2201/434** (2013.01); **E05Y 2201/604** (2013.01); **E05Y 2201/62** (2013.01); **E05Y 2201/686** (2013.01); **E05Y 2201/708** (2013.01); **E05Y 2600/46** (2013.01); **E05Y 2800/372** (2013.01); **E05Y 2900/146** (2013.01); **E05Y 2900/148** (2013.01)

Citation (search report)

- [YD] FR 2638779 A1 19900511 - VERNIS GOULVEN [FR]
- [Y] FR 2741651 A1 19970530 - ROHEE RENE DENIS GEORGES [FR]
- [Y] US 2009324235 A1 20091231 - BUTLER BRIAN FREDERIC [US]
- [A] EP 1340877 A2 20030903 - GEZE GMBH [DE]

Cited by

FR3091716A1; CN110284786A

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)

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