

Title (en)
VENT CONTROLLING APPARATUS

Title (de)
LÜFTUNGSSTEUERUNGSGERÄT

Title (fr)
APPAREIL DE COMMANDE D'ÉVACUATION

Publication
EP 2539641 A1 20130102 (EN)

Application
EP 11705551 A 20110224

Priority
• GB 201003107 A 20100224
• EP 2011052713 W 20110224

Abstract (en)
[origin: WO2011104290A1] A vent controlling apparatus (10) comprising an actuator (18, 30, 23) adapted to open and close a vent, means for converting energy (16) to provide power for the actuator, and control means (60) operative to control the actuator in response to a wirelessly transmitted control signal. The actuator may be a chain actuator and the means for converting energy may be a solar panel or photovoltaic cell. Wireless transmission by a remote transmitter (51) of one or more control signals may be used to remotely control the operation of the actuator to open or close a vent. A remote transmitter may be adapted to transmit an open or close command without user input to thereby automate the opening and closing operation. Automated operation of the vent may be dependent upon an environmental condition.

IPC 8 full level
F24F 11/00 (2006.01); **E05F 15/12** (2006.01); **E05F 15/20** (2006.01); **E06B 7/02** (2006.01)

CPC (source: EP GB)
E05F 15/00 (2013.01 - GB); **E05F 15/611** (2015.01 - GB); **E05F 15/616** (2015.01 - GB); **E05F 15/619** (2015.01 - EP); **E05F 15/70** (2015.01 - GB); **E05F 15/77** (2015.01 - EP GB); **E06B 7/02** (2013.01 - EP); **F24F 11/0001** (2013.01 - EP); **E05Y 2201/10** (2013.01 - EP); **E05Y 2201/656** (2013.01 - EP); **E05Y 2201/724** (2013.01 - EP); **E05Y 2400/614** (2013.01 - EP); **E05Y 2400/628** (2013.01 - EP); **E05Y 2600/322** (2013.01 - EP); **E05Y 2900/148** (2013.01 - EP); **F24F 11/56** (2017.12 - EP); **F24F 2005/0064** (2013.01 - EP); **F24F 2005/0067** (2013.01 - EP); **Y02E 10/50** (2013.01 - GB)

Citation (search report)
See references of WO 2011104290A1

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

DOCDB simple family (publication)
WO 2011104290 A1 20110901; CN 102884381 A 20130116; EP 2539641 A1 20130102; GB 201003107 D0 20100414; GB 2479118 A 20111005

DOCDB simple family (application)
EP 2011052713 W 20110224; CN 201180009489 A 20110224; EP 11705551 A 20110224; GB 201003107 A 20100224