

Title (en)
METHOD AND DEVICE FOR TRANSMITTING ELECTRICAL POWER AND SIGNALS BETWEEN A WALL AND A LEAF PIVOTABLE RELATIVE THERETO

Title (de)
VERFAHREN UND VORRICHTUNG ZUR ÜBERTRAGUNG VON ELEKTRISCHER LEISTUNG UND VON SIGNALEN ZWISCHEN EINER WAND UND EINEM GEGENÜBER DIESER SCHWENKBAREN FLÜGEL

Title (fr)
PROCÉDÉ ET DISPOSITIF DE TRANSMISSION DE PUISSANCE ÉLECTRIQUE ET DE SIGNAUX ENTRE UNE PAROI ET UN BATTANT POUVANT PIVOTER PAR RAPPORT À CELLE-CI

Publication
EP 3084106 A1 20161026 (DE)

Application
EP 14825117 A 20141215

Priority
• DE 102013114319 A 20131218
• EP 2014077739 W 20141215

Abstract (en)
[origin: WO2015091345A1] Method and device for transmitting electrical power and signals between a wall and a leaf pivotable relative thereto, in order to supply electric consumers (79) provided on the leaf with electrical actuating power depending on the state of actuation and to supply electric signal transmitters (62) provided on the leaf with electrical operating power, wherein the actuating power and the operating power are transmitted from the wall to the leaf in a galvanically separated manner by means of a single power-transmitting unit (44) and signals are transmitted from the leaf to the wall by means of a first optocoupler (48) in order to adjust the electrical power provided at the wall end as a function of the actuating and operating power requirement, and wherein signals are transmitted bidirectionally between the wall and the leaf, between a control and evaluation unit at the wall end and the signal transmitters, by means of a second optocoupler (50).

IPC 8 full level
E05D 11/00 (2006.01)

CPC (source: EP US)
E05D 11/0081 (2013.01 - EP US); **H02J 50/10** (2016.02 - US); **H04B 10/25891** (2020.05 - US); **H04B 10/50** (2013.01 - US); **E05Y 2900/132** (2013.01 - EP US)

Citation (search report)
See references of WO 2015091345A1

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DE 102013114319 A1 20150618; CN 105829627 A 20160803; CN 105829627 B 20170912; EP 3084106 A1 20161026; US 10161169 B2 20181225; US 2016312505 A1 20161027; WO 2015091345 A1 20150625

DOCDB simple family (application)
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