Title (en)

METHOD AND APPARATUS FOR TRANSMITTING SIGNALS BETWEEN A WALL AND A LEAF FASTENED TO THIS WALL USING HINGES AROUND A HINGE AXIS

Title (de)

VERFAHREN UND VORRICHTUNG ZUR SIGNALÜBERTRAGUNG ZWISCHEN EINER WAND UND EINEM UM EINE SCHARNIERACHSE SCHARNIERGELENKIG AN DIESER WAND BEFESTIGTEN FLÜGEL

Title (fr)

PROCÉDÉ ET DISPOSITIF DE TRANSMISSION DE SIGNAUX ENTRE UN MUR ET UN VANTAIL FIXÉ À CE MUR PAR UNE CHARNIÈRE TOURNANT AUTOUR D'UN AXE

Publication

EP 2625675 A1 20130814 (DE)

Application

EP 11763681 A 20110929

Priority

- DE 102010037944 A 20101004
- DE 102010037943 A 20101004
- EP 2011067003 W 20110929

Abstract (en)

[origin: WO2012045659A1] Method and apparatus for transmitting signals between a wall (W) and a leaf (F) fastened to this wall (W) using hinges around a hinge axis (S), in which a carrier voltage modulated by the signal to be transmitted is applied to a first signal transmission coil (28, 34) arranged on the wall (W) or on the leaf (F) in order to generate a secondary voltage modulated by the transmitted signal in a second signal transmission coil (28, 34) arranged on the leaf (F) or on the wall (W) by means of inductive coupling.

IPC 8 full level

G08B 13/04 (2006.01); **E05D 11/00** (2006.01)

CPC (source: EP US)

E05D 11/0081 (2013.01 - EP US); **H01F 38/14** (2013.01 - EP US); **H04B 5/70** (2024.01 - EP US); E05D 5/14 (2013.01 - EP US); E05D 7/0054 (2013.01 - EP US); E05D 2003/025 (2013.01 - EP US); E05Y 2400/66 (2013.01 - EP US); E05Y 2800/00 (2013.01 - EP US)

Citation (examination)

JP 2001057744 A 20010227 - AUTO NETWORK GIJUTSU KENKYUSHO, et al

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)

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DOCDB simple family (application)

EP 2011067003 W 20110929; BR 112013007197 A 20110929; BR 112013007199 A 20110929; CN 201180048049 A 20110929; CN 201180048065 A 20110929; EP 11763681 A 20110929; EP 11763683 A 20110929; RU 2013120281 A 20110929; RU 2013120291 A 20110929; US 201113823743 A 20110929; US 201113823747 A 20110929