

Title (en)

Radio frame switcher with radio message without energy supply

Title (de)

Funkrahmenschalter mit Funkmeldung ohne Energieversorgung

Title (fr)

Commutateur de cadre radio doté d'une signalisation radio sans alimentation en énergie

Publication

EP 2199998 B1 20150121 (DE)

Application

EP 09015464 A 20091215

Priority

DE 202008016823 U 20081219

Abstract (en)

[origin: EP2199998A2] The door has a radio frame switch including a switch housing attached to a frame (1) or to a leaf (2). A contact pin (4) is movably supported in the housing against the force of a spring (5). The pin is shifted during closing of the door by convergence of the frame and leaf such that the pin activates a radio message (62) in a radio transmitter (61), where the message is received by a local radio receiver (63). The pin is mechanically connected with an electric generator (7), which generates electrical energy during movement of the pin and delivers the energy to the radio transmitter.

IPC 8 full level

G08B 13/08 (2006.01); **G08B 25/10** (2006.01)

CPC (source: EP)

G08B 13/08 (2013.01); **G08B 25/10** (2013.01)

Cited by

US10995733B2

Designated contracting state (EPC)

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 SE SI SK SM TR

DOCDB simple family (publication)

DE 202008016823 U1 20090305; EP 2199998 A2 20100623; EP 2199998 A3 20110413; EP 2199998 B1 20150121

DOCDB simple family (application)

DE 202008016823 U 20081219; EP 09015464 A 20091215