

Title (en)

DOOR/WINDOW WITH INTEGRATED POWER DELIVERY SYSTEM

Title (de)

TÜR/FENSTER MIT INTEGRIERTEM STROMVERSORGUNGSSYSTEM

Title (fr)

PORTE/FENÊTRE AVEC SYSTÈME INTÉGRÉ DE DISTRIBUTION D'ÉNERGIE

Publication

**EP 4224449 A1 20230809 (EN)**

Application

**EP 23165356 A 20190304**

Priority

- CN 201810198336 A 20180309
- US 201815993782 A 20180531
- EP 19160629 A 20190304

Abstract (en)

An electrified door or window system (20) has a frame (12) with a power transmitting device (14) and a door or window having a power receiving device (16). The power receiving device (16) is electrically connected to the power transmitting device (14) in the frame of the door or window (12). At least one powered device (22, 24, 26, 28) is integrated in the door or window. At least one electrically conductive pathway (18) extends from the power receiving device (16) to the at least one powered device (22, 24, 26, 28). A controller (30) is provided to control the flow of power from the power receiving device (16) to the at least one electrically conductive pathway (18).

IPC 8 full level

**G08B 13/08** (2006.01); **E05B 47/00** (2006.01)

CPC (source: EP)

**G08B 13/08** (2013.01); **E05B 2047/0059** (2013.01); **E05B 2047/0061** (2013.01)

Citation (applicant)

- US 4140357 A 19790220 - WOLZ FRANCIS T, et al
- US 9520227 B2 20161213 - HERGLOTZ TIBOR [DE], et al
- US 9520227 B2 20161213 - HERGLOTZ TIBOR [DE], et al

Citation (search report)

- [X1] WO 2017024088 A1 20170209 - TYCO ELECTRONICS CORP [US]
- [X1] WO 2013163124 A1 20131031 - STANLEY SECURITY SOLUTIONS INC [US]
- [X1] WO 2016175910 A1 20161103 - FP WIRELESS LLC [US]
- [X1] WO 2016032464 A1 20160303 - LEEO INC [US]

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)

**EP 3537398 A1 20190911**; EP 4224449 A1 20230809

DOCDB simple family (application)

**EP 19160629 A 20190304**; EP 23165356 A 20190304