

Title (en)  
ELECTRONIC KEY LOCKOUT CONTROL IN LOCKBOX SYSTEM

Title (de)  
VERRIEGELUNGSSTEUERUNG EINES ELEKTRONISCHEN SCHLÜSSELS IN EINEM SCHLIESSFACHSYSTEM

Title (fr)  
COMMANDE DE VERROUILLAGE PAR CLÉ ÉLECTRONIQUE DANS UN SYSTÈME DE COFFRET GARDE-CLÉ

Publication  
**EP 2964856 A1 20160113 (EN)**

Application  
**EP 13876871 A 20131202**

Priority  
• US 201313790605 A 20130308  
• US 2013072656 W 20131202

Abstract (en)  
[origin: WO2014137427A1] An electronic lockbox system includes a wireless portable transponder that communicates with an electronic lockbox using a low power radio link. The portable transponder includes: a wide area network radio to communicate to a central clearinghouse computer, a motion sensor to activate its wide area network radio, and a connector to communicate with a secure memory device. The electronic lockbox sends a hail message that is intercepted by the portable transponder; the hail message includes identification information. The portable transponder responds with a message that includes a time sensitive encryption key; the lockbox authenticates this response message using its own time sensitive encryption key. If an electronic key is used to access the lockbox, the improved system effectively disables the electronic key during a showing, so that the electronic key cannot be used to access another lockbox until the correct dwelling key has been placed back into the lockbox.

IPC 8 full level  
**E05B 47/00** (2006.01); **G07C 9/00** (2006.01)

CPC (source: EP)  
**E05B 19/0005** (2013.01); **G07C 9/00309** (2013.01); **G07C 9/00571** (2013.01); **E05B 19/24** (2013.01); **E05B 47/0012** (2013.01); **E05B 2047/0094** (2013.01); **G07C 2009/00349** (2013.01); **G07C 2009/00388** (2013.01); **G07C 2009/0042** (2013.01)

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

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**WO 2014137427 A1 20140912**; EP 2964856 A1 20160113; EP 2964856 A4 20160706

DOCDB simple family (application)  
**US 2013072656 W 20131202**; EP 13876871 A 20131202