

Title (en)

SECURITY SYSTEM WITH ANTI-TAMPERING SENSORS AND CYBERSECURITY

Title (de)

SICHERHEITSSYSTEM MIT MANIPULATIONSSCHUTZSENSOREN UND CYBERSICHERHEIT

Title (fr)

SYSTÈME DE SÉCURITÉ DOTÉ DE CAPTEURS INVOLABLES ET CYBERSÉCURITÉ

Publication

**EP 3371395 A1 20180912 (EN)**

Application

**EP 16863166 A 20161107**

Priority

- US 201562252555 P 20151108
- US 2016060828 W 20161107

Abstract (en)

[origin: WO2017079743A1] The disclosed embodiments include a method for tamper-proof protection of containers used for shipment of goods. The system contains a lock with electronic and mechanical components and a controller. A sensor is connected to a lock so that it forms a closed loop. The sensor can be an optical fiber or a distributed arrangement with an optical or an electrical shield. The electronics in the lock provide real time monitoring of the status of the lock. The lock cannot be opened or reproduced due to the signature of the closed loop which is stored in a remote server. Intrusions detected are relayed to an authorized recipient via a variety of communication channels. The data and control of the entire system is protected with several programs targeted to provide cybersecurity.

IPC 8 full level

**E05B 49/02** (2006.01)

CPC (source: EP KR)

**E05B 39/005** (2013.01 - EP); **E05B 45/005** (2013.01 - EP KR); **E05B 47/0607** (2013.01 - EP KR); **E05B 67/003** (2013.01 - EP KR); **E05B 83/02** (2013.01 - EP); **G08B 13/126** (2013.01 - EP KR); **E05B 2047/0094** (2013.01 - EP KR)

Designated contracting state (EPC)

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Designated extension state (EPC)

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DOCDB simple family (publication)

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