

Title (en)
SYSTEMS AND METHODS FOR CUSTOMER DEACTIVATION OF SECURITY ELEMENTS

Title (de)
SYSTEME UND VERFAHREN ZUR KUNDENDEAKTIVIERUNG VON SICHERHEITSELEMENTEN

Title (fr)
SYSTÈMES ET PROCÉDÉS DE DÉSACTIVATION PAR LE CLIENT D'ÉLÉMENTS DE SÉCURITÉ

Publication
EP 3869476 A1 20210825 (EN)

Application
EP 21166092 A 20150116

Priority

- US 201461929831 P 20140121
- US 201414332731 A 20140716
- EP 15702331 A 20150116
- US 2015011772 W 20150116

Abstract (en)
Systems (100) and methods (1100) for activating an Electronic Article Surveillance ("EAS") element deactivator. The methods involve: obtaining customer-related data from a customer of a business organization who is attempting to deactivate an EAS element of at least one item; obtaining transaction data contained in a receipt issued upon completion of a checkout transaction for the customer; communicating the customer-related data, transaction data and a unique identifier for an EAS element deactivation system to a remote computing device; processing the customer-related data and transaction data to obtain confirmation that the customer has recently successfully completed the checkout transaction for the item and the EAS element of the item has not yet been deactivated; and activating the EAS element deactivator of the EAS element deactivation system subsequent to when the confirmation is obtained.

IPC 8 full level
G07G 1/00 (2006.01); **E05B 73/00** (2006.01); **G07G 3/00** (2006.01); **G08B 13/24** (2006.01)

CPC (source: EP KR)
G07G 1/0063 (2013.01 - EP KR); **G07G 1/0072** (2013.01 - EP KR); **G07G 3/003** (2013.01 - EP KR); **G08B 13/246** (2013.01 - EP KR)

Citation (search report)

- [I] US 2006138220 A1 20060629 - PERSKY MICHAEL B [US]
- [I] WO 02058003 A1 20020725 - PSC SCANNING INC [US]
- [A] US 5635906 A 19970603 - JOSEPH JOSEPH [US]
- [A] WO 03005313 A2 20030116 - PSC SCANNING INC [US]
- [A] US 2005173527 A1 20050811 - CONZOLA VINCENT C [US]
- [A] US 2002186133 A1 20021212 - LOOF PER OLOF [US]
- [A] WO 9715031 A1 19970424 - MINNESOTA MINING & MFG [US]
- [A] US 2013332319 A1 20131212 - ZUBER THOMAS [US]
- [A] US 2006175402 A1 20060810 - MAITIN STEVEN R [US]
- [A] US 2010171619 A1 20100708 - HALL STEWART E [US]
- [A] US 2013002879 A1 20130103 - WEBER MICHAEL [US]
- [A] US 7780081 B1 20100824 - LIANG ROBERT C [US]
- [A] WO 2013169786 A2 20131114 - SENITRON CORP [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)
WO 2015112446 A1 20150730; AU 2015209627 A1 20160908; AU 2015209627 B2 20190815; CA 2940398 A1 20150730; CA 2940398 C 20231205; CN 106104645 A 20161109; CN 106104645 B 20200714; EP 3097546 A1 20161130; EP 3869476 A1 20210825; KR 102293266 B1 20210824; KR 20160131000 A 20161115

DOCDB simple family (application)
US 2015011772 W 20150116; AU 2015209627 A 20150116; CA 2940398 A 20150116; CN 201580014397 A 20150116; EP 15702331 A 20150116; EP 21166092 A 20150116; KR 20167022940 A 20150116