

Title (en)
POINT OF SALE (POS) DOCKING STATION SYSTEM AND METHOD FOR A MOBILE BARCODE SCANNER GUN SYSTEM WITH MOBILE
TABLET DEVICE OR STAND ALONE MOBILE TABLET DEVICE

Title (de)
VERKAUFSSTELLEN (POS)-ANDOCKSTATIONSSYSTEM UND -VERFAHREN FÜR EINE MOBILE STRICHCODESCANNERPISTOLE MIT
MOBILER TABLET-VORRICHTUNG ODER EIGENSTÄNDIGER MOBILER TABLET-VORRICHTUNG

Title (fr)
SYSTÈME DE STATION D'ACCUEIL DE POINT DE VENTE (POS) ET PROCÉDÉ POUR SYSTÈME DE LECTEUR À MAIN DE CODE-BARRES
MOBILE AYANT UN DISPOSITIF TABLETTE MOBILE OU DISPOSITIF TABLETTE MOBILE AUTONOME

Publication
EP 3574444 A4 20200812 (EN)

Application
EP 18745025 A 20180127

Priority
• US 201715419344 A 20170130
• US 2018015615 W 20180127

Abstract (en)
[origin: WO2018140836A1] A mobile scanner gun system processes a POS sale transaction and performs real-time daily store level inventory management. The system includes a main body portion extending toward a handle portion and forms an interior cavity and an aperture with a lens. A plurality of Universal Serial Bus (USB) mobile input devices are attached to the mobile scanner gun, including a barcode scanner and payment card input devices including a "Magnetic Stripe Reader" (MSR) and a "Europay, MasterCard and Visa" (EMV) reader, both with USB access to a PIN Entry Device (PED) and a "Near Field Communications" (NFC) reader through a specialized universal serial bus wiring harness. The specialized universal series bus wiring harness is adapted to be attached to and communicate with the mobile tablet device for communicating with a system integrated therein that enables store level real-time inventory management and a fully functioning POS capability for selling merchandise in a retail sales environment. A main Printed Circuit Board (PCB) having a previously programmed Electrically Erasable Programmable Read-Only Memory (EEPROM) controlling all MSR, EMV or NFC operations through the corresponding payment card input devices of each. When a customer payment card is swiped through the MSR slot or dipped into EMV reader or tapped on the NFC reader for payment card processing, customer payment is processed through the proper secured bank card processing network.

IPC 8 full level
G06K 7/10 (2006.01); **G06Q 10/10** (2012.01); **G06Q 20/20** (2012.01); **G06Q 20/32** (2012.01); **G06Q 20/34** (2012.01); **G06Q 20/40** (2012.01); **G07F 7/08** (2006.01); **G07G 1/00** (2006.01)

CPC (source: EP)
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Citation (search report)
• [I] WO 03088168 A2 20031023 - SENSORMATIC ELECTRONICS CORP [US]
• [I] US 2011290876 A1 201111201 - GRAVES CARTER [US], et al
• [I] US 2014233180 A1 20140821 - VARGAS JOHN G [US], et al
• [I] WO 2014109937 A2 20140717 - RETAIL TECHNOLOGIES CORP [US]
• See references of WO 2018140836A1

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