

Title (en)

Retail checkout system and checkout device for use therewith.

Title (de)

Einzelhandel Auszahlssystem und Auszahlvorrichtung dafür.

Title (fr)

Système d'enregistrement d'achats au détail et dispositif d'enregistrement pour application.

Publication

EP 0623904 A1 19941109 (EN)

Application

EP 94303177 A 19940503

Priority

US 5599893 A 19930503

Abstract (en)

A retail checkout system (10) allows a customer to gather and pay for items without going through a checkout lane. The system includes a wireless checkout device (11) transported by a customer, preferably on a shopping cart, which the customer uses to identify and pay for items associated with a shopping transaction. The checkout device (11) includes a wireless communication device (24), a scanner (18), and a marking/unmarking device (20). The marking/unmarking device (20) is operative to deactivate security devices on the items when the items are scanned a first time by the customer and to reactivate the security devices when the items are scanned a second time by the customer. The system also includes a central computer (26) and a wireless communication network linking the checkout device (11) with the computer (26). A security system located at an exit and coupled to the computer (26) senses items which have not been deactivated by the marking/unmarking device (20) and alerts the computer (26) and security personnel. <IMAGE>

IPC 1-7

G07G 1/00; **G07F 7/02**

IPC 8 full level

A47F 9/04 (2006.01); **G07F 7/02** (2006.01); **G07G 1/00** (2006.01); **G07G 1/12** (2006.01); **G07G 1/14** (2006.01)

CPC (source: EP)

G07F 7/02 (2013.01); **G07G 1/0054** (2013.01); **G07G 1/0081** (2013.01)

Citation (search report)

- [X] FR 2555339 A1 19850524 - BARBIEUX PIERRE [FR]
- [A] WO 9306564 A1 19930401 - KHYBER TECHNOLOGIES CORP [US]
- [A] WO 9016051 A1 19901227 - RAIMBAULT PIERRE [FR], et al
- [A] FR 2645299 A1 19901005 - WANANG JUSTIN [FR]
- [A] US 4071740 A 19780131 - GOGULSKI PAUL
- [A] WO 9000785 A1 19900125 - ACTRON SA [FR]
- [X] "Des Marchés à Saisir : PLUS DE MANIPULATION NI D'ATTENTE AUX CAISSES DES SUPERMARCHÉS.", SCIENCE & VIE, no. 884, May 1991 (1991-05-01), PARIS - FR, pages 126, XP000121538

Cited by

EP3079114A1; ES2114483A1; FR2746529A1; CN104091398A; DE19858941A1; ES2279666A1; US6484939B1; US5729697A; US6032127A; US6497362B2; CN110232791A; US7016862B1; EP1684091A1; US5870716A; EP0986035A3; EP1126421A3; EP3649597A4; ES2946633A1; US10380390B2; US9773386B2; US7953606B2; US10565408B2; US10445791B2; WO03054822A1; WO2007104338A1; US7477149B2; US7808388B2; US7974889B2; US8120468B2; US7868763B2; US9727604B2; WO2019010209A1; US11127068B2

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

EP 0623904 A1 19941109; JP H07152964 A 19950616

DOCDB simple family (application)

EP 94303177 A 19940503; JP 9412694 A 19940506