

Title (en)

Deactivation device for electronic theft detection labels with improved reliability

Title (de)

Deaktivierungsvorrichtung für elektronisches Warenüberwachungsetikett

Title (fr)

Dispositif de désactivation pour étiquette électronique antivol

Publication

**EP 0786749 A1 19970730 (EN)**

Application

**EP 97200166 A 19970122**

Priority

NL 1002150 A 19960123

Abstract (en)

The invention relates to an improvement of deactivation reliability of shoplifting detection labels in handling procedures at checkouts by means of acoustic and/or optical signalling. The detection system used therefor utilizes the difference in rate of change of the label detection signal level between a successful deactivation and a label which is removed from the field manually because it does not allow of deactivation. The detection system can also make use of the effect that a label signal, in a narrow time slot immediately after the deactivation signal, can no longer be detected in the case of a successful deactivation but can be detected in the case of manual removal of a still active label.

IPC 1-7

**G08B 13/24**

IPC 8 full level

**G08B 13/24** (2006.01)

CPC (source: EP)

**G08B 13/242** (2013.01)

Citation (search report)

- [X] EP 0454021 A1 19911030 - ACTRON ENTWICKLUNGS AG [CH]
- [X] EP 0287905 A1 19881026 - DURGO AG [CH]
- [X] EP 0499582 A1 19920819 - ACTRON ENTWICKLUNGS AG [CH]
- [X] WO 8704283 A1 19870716 - CHECKPOINT SYSTEMS INC [US]

Cited by

GB2345823A; US8487769B2; US7151455B2; US7336183B2; US7098794B2; US7701346B2; US8138922B2

Designated contracting state (EPC)

DE ES FR GB NL

DOCDB simple family (publication)

**EP 0786749 A1 19970730**; NL 1002150 C2 19970725

DOCDB simple family (application)

**EP 97200166 A 19970122**; NL 1002150 A 19960123