Title (en)

ANTI-THEFT PRODUCT RACK AND METHOD

Publication

EP 0249501 A3 19881005 (EN)

Application

EP 87305259 A 19870612

Priority

US 87415986 A 19860613

Abstract (en)

[origin: EP0249501A2] The anti-theft product rack (10) continuously monitors the weight of the rack including individual product units (12). When a weight deviation is detected (16), it is characterized as either a disturbance or as the removal of one or more product units. An alarm (41) is sounded if the rack is continuously disturbed for a programmable number of continuous weight sensing cycles, or if a programmable number of disturbances occur during a programmable period of time. In addition, an alarm is sounded if the number of product units detected as being removed at one time exceeds a programmable limit. Finally, if the number of detected product units removed exceeds a programmable number during a programmable period of time, an alarm is sounded. The product display rack presents no physical barriers to product removal and requires no intervention of sales personnel for product removal. Thus, the present invention presents an aesthetically pleasing product rack while providing a high degree of protection against shoplifting or employee theft.

IPC 1-7

G07F 7/02; G07F 7/00; G07G 1/00; G08B 13/14

IPC 8 full level

A47F 5/00 (2006.01); **G07F 7/00** (2006.01); **G07F 7/02** (2006.01); **G07G 1/00** (2006.01); **G07G 3/00** (2006.01); **G08B 7/00** (2006.01); **G08B 13/14** (2006.01)

CPC (source: EP KR)

A47F 10/00 (2013.01 - KR); **G07G 1/0054** (2013.01 - EP); **G07G 3/003** (2013.01 - EP); **G08B 13/1472** (2013.01 - EP)

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Designated contracting state (EPC)

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DOCDB simple family (publication)

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