

Title (en)
ANTI-THEFT DEVICE

Publication
EP 0116701 B1 19870603 (DE)

Application
EP 83112050 A 19831201

Priority
• DE 3302459 A 19830126
• DE 3314187 A 19830419

Abstract (en)
[origin: EP0116701A1] 1. Anti-theft system for merchandise, having at least one source of surveillance current, at least one sensor which cooperates with the item of merchandise and is linked into the surveillance circuit and modifies the surveillance current if the merchandise is removed, and having a surveillance circuit which provides an alarm signal if a modification of the surveillance current is detected, where the unit comprising the sensor and the connection cable between the sensor and the surveillance circuit provides, when properly connected to the merchandise, a surveillance current which may be varied in terms of its amplitude and/or frequency and/or phase position to larger or smaller values, so as to produce a change in the amplitude and/or frequency and/or phase position of the surveillance current both if the connection between the sensor and the merchandise is broken and if the connection cable is short-circuited, characterized in that the surveillance circuit exhibits an activation circuit (138C, 142 ; 332, 334, 340-344 ; 332, 348, 350 ; 352, 354 ; 383) energized via a plug-in connector (14 ; 314) by a control current which also serves to link the sensor (100 ; 200 ; 318) to the surveillance circuit (16 ; 326), so as to produce a change in the surveillance current in terms of amplitude and/or frequency and/or phase position if the sensor and surveillance circuit become disconnected, but at the same time allowing the sensor and the surveillance circuit to be connected up without setting off an alarm.

IPC 1-7
G08B 13/14

IPC 8 full level
G08B 13/14 (2006.01); **G08B 13/22** (2006.01)

CPC (source: EP)
G08B 13/1454 (2013.01); **G08B 13/22** (2013.01)

Cited by
EP0494715A1; DE9001828U1; DE4203304A1; DE8805281U1; DE19808252A1; CN113825335A; DE19528178A1; DE9201087U1;
US2011043339A1; US9082057B2; DE19655316B4; DE19655316C5; FR2625581A1; DE19655081C5; DE19612374C5; DE19612374C1;
DE202009015635U1; WO03042944A1; US6278365B1; EP1093743A2

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DOCDB simple family (publication)
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