

Title (en)

Device for detection of a threadlike foreign body in a coin slot

Title (de)

Vorrichtung zur Erfassung eines fadenähnlichen Fremdkörpers in einer Münzvorrichtung

Title (fr)

Dispositif pour détecter un fil dans une machine activée par des pièces de monnaie

Publication

EP 0716400 B1 19980513 (DE)

Application

EP 95117911 A 19951114

Priority

DE 4444105 A 19941210

Abstract (en)

[origin: EP0716400A1] The detection system uses an optical sensor device with a light source (14) and a light detector (18), coupled to the evaluation circuit of the coin-operated mechanism, for preventing delivery of the goods. The light source is incorporated in the wall of the coin chute and cooperates with a series of point light sensors closely spaced in the opposite coin chute wall, with periodic serial interrogation of the light sensors. The sensors are arranged along a line transverse to the movement direction of the inserted coin, each of their individual output signals compared with a threshold value, or the integrated output value compared with a reference value, for detection of the wire.

IPC 1-7

G07F 1/04; **G07F 3/02**

IPC 8 full level

G07F 1/04 (2006.01)

CPC (source: EP)

G07D 5/02 (2013.01); **G07F 1/044** (2013.01)

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DOCDB simple family (publication)

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DOCDB simple family (application)

EP 95117911 A 19951114; DE 4444105 A 19941210; DE 59502166 T 19951114; ES 95117911 T 19951114