

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)

Cited by

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CH DE ES FR GB LI

DOCDB simple family (publication)

**EP 0716400 A1 19960612**; **EP 0716400 B1 19980513**; DE 4444105 A1 19960613; DE 4444105 C2 19980702; DE 59502166 D1 19980618; ES 2117350 T3 19980801

DOCDB simple family (application)

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