

Title (en)
PREVENTING FRAUD

Title (de)
VERHINDERN VON BETRUG

Title (fr)
PROTECTION CONTRE LA FRAUDE

Publication
EP 2926322 B1 20240619 (EN)

Application
EP 13796144 A 20131122

Priority
• GB 201221504 A 20121129
• GB 2013053080 W 20131122

Abstract (en)
[origin: GB2508377A] A fraud prevention apparatus 1 for a coin payout unit 2 comprises a sensor 3a, 3b comprising an electrical oscillator for detecting coins in a coin outlet path 5 and one or more controllers configured to cause an expected change in the oscillating frequency of the sensor and to verify that the oscillating frequency has changed as expected. The controller may cause the expected change in the oscillating frequency by altering a property of an oscillator circuit in the sensor. An expected change could also be caused by altering a component configuration of the sensor. Timing elements may be altered, circuit components may be added to or removed from the sensor circuit or operation of circuit components may be varied. The controller is configured to verify that the oscillating frequency has changed as expected by determining an actual oscillating frequency of the sensor and comparing the actual frequency with an expected frequency. The invention is used to detect whether a fraudster has attempt to blind a coin sensor in the coin outlet of the apparatus and so cause the apparatus to release coins to the outlet because the sensor does not detect that coins have actually been dispensed.

IPC 8 full level
G07D 5/00 (2006.01); **G07D 7/00** (2016.01); **G07D 7/06** (2006.01)

CPC (source: EP GB)
G07D 1/02 (2013.01 - GB); **G07D 5/00** (2013.01 - EP); **G07D 9/00** (2013.01 - GB); **G07D 9/04** (2013.01 - EP); **G07F 1/044** (2013.01 - EP); **G07F 5/24** (2013.01 - GB); **G07F 9/04** (2013.01 - EP)

Citation (examination)
• US 4579217 A 19860401 - RAWICZ-SZCERBO ADAM [GB]
• WO 02077932 A1 20021003 - SCAN COIN IND AB [SE], et al

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
GB 2508377 A 20140604; AU 2013350949 A1 20150409; AU 2013350949 B2 20170907; CN 104838427 A 20150812; CN 104838427 B 20170728; EP 2926322 A1 20151007; EP 2926322 B1 20240619; ES 2984174 T3 20241029; JP 2016502197 A 20160121; JP 6377627 B2 20180822; WO 2014083319 A1 20140605

DOCDB simple family (application)
GB 201221504 A 20121129; AU 2013350949 A 20131122; CN 201380062395 A 20131122; EP 13796144 A 20131122; ES 13796144 T 20131122; GB 2013053080 W 20131122; JP 2015544528 A 20131122