

Title (en)

Apparatus for detecting the level in the tubes of a coin dispenser

Title (de)

Vorrichtung zur Erkennung des Füllstands in Tuben eines Münzgerätes

Title (fr)

Dispositif pour détecter le niveau dans les tubes d'un distributeur de pièces de monnaie

Publication

**EP 0680021 B1 19970917 (DE)**

Application

**EP 95104986 A 19950404**

Priority

DE 4415283 A 19940430

Abstract (en)

[origin: EP0680021A1] The coin handling machine has a base unit (10) on top of which are located a pair of cylindrical magazines (12,14) containing stacks of coins. The bottom coins in the stack are extracted by a moving a pin along a circular track (16) to push the coin clear. The determination of how many coins are in the magazine is provided by sensors (30,32) located under the stacks. The sensors can be inductive and provide an output proportional to applied load. <IMAGE>

IPC 1-7

**G07D 1/00**

IPC 8 full level

**G07D 1/00** (2006.01); **G07D 9/04** (2006.01)

CPC (source: EP)

**G07D 1/00** (2013.01); **G07D 9/04** (2013.01)

Cited by

EP1302909A1; EP2960873A1; EP2752822A1; DE102006037947B3; DE102007023678B4; US8827777B2; DE102007023678A1; EP2009599A2

Designated contracting state (EPC)

CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)

**EP 0680021 A1 19951102; EP 0680021 B1 19970917**; DE 4415283 A1 19951102; DE 4415283 C2 19960912; DE 59500662 D1 19971023; ES 2108507 T3 19971216

DOCDB simple family (application)

**EP 95104986 A 19950404**; DE 4415283 A 19940430; DE 59500662 T 19950404; ES 95104986 T 19950404