

Title (en)

Bag switching system for coin sorting apparatus.

Title (de)

Beutelumtauschvorrichtung für eine Münzsorتيervorrichtung.

Title (fr)

Système de changement de sac pour machine de triage de pièces.

Publication

EP 0391403 A2 19901010 (EN)

Application

EP 90106501 A 19900405

Priority

US 33445189 A 19890406

Abstract (en)

An improved coin bag switching system is provided for coin sorting apparatus and includes means for reasonably supporting at least two coin bags each for at least one selected coin denomination, means for selectively establishing a channel between the exit chute for the selected coin denomination and a selected one of the releasably supported coin bags, means for temporarily suspending the sorting operation when the selected bag is found to be full or when a predefined coin count is determined to have been reached, means responsive thereto for displacing the previously established coin channel and establishing an alternate channel between the exit chute and a second selected coin bag, and means for resuming the sorting operation after the new channel has been established. A coin switching module is provided for the establishment of channels between a coin exit tube of a given denomination and selected ones of empty coin bags corresponding to that denomination. The module is adapted to be conveniently connected to a selected coin exit tube for a coin sorting machine with little modification, if any, to the existing coin bag arrangement for the sorter. An integrally formed channel member is displaceably affixed about a coin input slot inside the switching module and is pivotally mounted to the module in such a way that when the member is circularly displaced about a coin inlet section of the member, the coin outlet section of the member can register with selected ones of a plurality of coin exit slots corresponding to the plurality of coin bags provided for the selected coin denomination. Controllable displacement of the channel member is affected by means of a lever attached thereto and projecting outwardly of the switching module.

IPC 1-7

G07D 3/00

IPC 8 full level

G07D 3/00 (2006.01)

CPC (source: EP)

G07D 3/00 (2013.01)

Cited by

US6579165B2; AU2012201551B2; GB2298072A; GB2298072B; US8251198B2; WO2006019917A1

Designated contracting state (EPC)

DE FR GB IT NL

DOCDB simple family (publication)

EP 0391403 A2 19901010; EP 0391403 A3 19930224; AU 5295990 A 19901011; CA 2013719 A1 19901006; JP H02293993 A 19901205

DOCDB simple family (application)

EP 90106501 A 19900405; AU 5295990 A 19900405; CA 2013719 A 19900403; JP 9200190 A 19900406