

Title (en)

Monochannel device for control, storage and collection of coins.

Title (de)

Einkanalige Vorrichtung zum Prüfen, Speichern und Sammeln von Münzen.

Title (fr)

Dispositif à canal unique pour la sélection, le stockage et la collection de pièces de monnaie.

Publication

EP 0447890 A2 19910925 (EN)

Application

EP 91103545 A 19910307

Priority

- AU 7719191 A 19910521
- ES 9000724 A 19900309

Abstract (en)

The device of the invention is prepared for mounting in paystation telephones and is of the monochannel type through which the coins (5-5'-5"..) slide to be collected one after the other. The device is so designed that, without any need to separate the coins, it is capable of controlling, storing and collecting, at least, two of these, regardless of the type and of the order in which they have been inserted, with no requirement for the use of motors or movable stores and having suppressed the problem of jamming. To achieve this, the device is based on having the coins (5-5'-5"..) retained separately in the monochannel (4) by means of corresponding retractable levers (9-9'-9"..), each of which is associated with its respective energising coil (10-10'-10"..). There are also sensors to detect the presence of coins (12-12'-12"..) inside the monochannel (4) and a sensor to detect the passage of collected coins (15) situated at the outlet of the monochannel device (4) and at the entrance (6) of the collection box.

<IMAGE>

IPC 1-7

G07F 1/04

IPC 8 full level

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CPC (source: EP)

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Cited by

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EP 0447890 A2 19910925; EP 0447890 A3 19921014; EP 0447890 B1 19960605; AT E139046 T1 19960615; AU 645319 B2 19940113; AU 7719191 A 19921203; DE 69119950 D1 19960711; DE 69119950 T2 19961128; DK 0447890 T3 19960624; ES 2021228 A6 19911016

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