Title (en)

Coin validation apparatus

Title (de)

Münzprüfgerät

Title (fr)

Dispositif de validation de pièces de monnaie

Publication

EP 1180745 A2 20020220 (EN)

Application

EP 01306981 A 20010816

Priority

GB 0020063 A 20000816

Abstract (en)

In order to enhance old coin validators intended for obsolete PROM data is stored in a non-volatile electrically programmable read only memory device mounted in a subsidiary assembly and interfaced to pins positioned in the subsidiary assembly to engage an integrated circuit socket mounted on the main circuit board so as to provide the data to the signal processor, the subsidiary assembly also having means to select whether the electronically programmable read only memory is in read mode or write mode. Older validation units may not have the processing discrimination performance to securely recognise newer designs of coins, particularly concentric bi-metallic coins such as the GB 2 pound and the 1 & 2 Euro coins. A second circuit board is connected to receive sensor signals; from the original board. A second signal processor receives and evaluates the sensor signals and stored data representing limits of the sensor signals corresponding to one or more valid coins, to provide one or more validation signals indicative that a respective coin has been validated. A cradle is fitted in place of an old coin validator. The cradle carries a new coin validator having a relatively small width and providing a second set of output coin validation signals. The new cradle positions the new coin validator so that coin slots and a coin return button are placed correctly in relation to the change giver and carries an interface to convert the first set of coin validation signals to the second set. Otherwise obsolete apparatus can us be rejuvenated by fitting a normally incompatible "new" coin validator. <IMAGE>

IPC 1-7

G07D 5/00

IPC 8 full level

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CPC (source: EP)

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Citation (applicant)

US 4601380 A 19860722 - DEAN ROBERT [GB], et al

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