

Title (en)

Article detection and recognition.

Title (de)

Erfassung und Wiedererkennung eines Gegenstandes.

Title (fr)

Détection et reconnaissance d'objets.

Publication

EP 0227453 A2 19870701 (EN)

Application

EP 86309973 A 19861219

Priority

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Abstract (en)

A programmable coin acceptor which is readily reprogrammed to accept different coin sets is described. The acceptor includes a detector (10) which generates an alternating magnetic field through two spatially symmetric flux paths (23,25). Disposed in each of the flux paths (23,25) is a detector coil (22,26). When the acceptor is in use a coin is passed through one of the flux paths (23). The resulting difference in the flux through the two paths (23,25) induces a voltage across the detector coils (22,26). The amplitude of this voltage and its phase relative to the excitation voltage are derived and compared with stored information to determine whether the coin should be accepted. The stored information may readily be changed for a new coin set by switching the acceptor to programming mode and passing selected coins from the coin set through the detector (10) in a predetermined manner.

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Cited by

US5579887A; EP0364079A3; GB2293039B; EP2814114A1; US5630494A; US5743373A; US5971128A; GB2250621A; GB2250621B; US5462149A; US9795829B2; WO9402914A1; WO2013057378A1; WO2013149649A3; WO9627859A1; WO2014198672A1; WO9607992A1; WO9302431A1

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