

Title (en)

COIN TESTER FOR COINS OF VARYING DIAMETERS

Publication

**EP 0023965 B2 19881228 (DE)**

Application

**EP 80103695 A 19800630**

Priority

CH 730079 A 19790808

Abstract (en)

[origin: US4371073A] The coins (8) are thrown into a common coin channel and affect the field of a coil (2; 52). The coil core consists either of several U- or E-cores (54, 55) arranged at right angles to the coin travel direction (5) in direct or spaced-apart adjacency, or of an oblong core (3) U- or E-shaped in cross section which lies at right angles to the coin travel direction. The spacing of the two outermost cores (54, 55) and/or the length of the core (3) is dimensioned to be of such a size that the coins (8) of varying diameter affect the coil field differently. The circuit for determining the effect on the field can comprise, for example, an alternator supplying the coil (2; 52) and a further coil (7; 53) coupled to the coil and connected to a comparison circuit. By means of the coil checker according to the invention it is possible to reliably test and determine even coins having greatly varying diameters.

IPC 1-7

**G07F 3/02**

IPC 8 full level

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CPC (source: EP US)

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Cited by

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**EP 0023965 A1 19810218**; **EP 0023965 B1 19831102**; **EP 0023965 B2 19881228**; AT E5217 T1 19831115; DE 3065456 D1 19831208; US 4371073 A 19830201; YU 198580 A 19821031

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