

Title (en)
TESTING ARRANGEMENT FOR A MULTITUDE OF DIFFERENT COINS

Publication
EP 0078214 B1 19840808 (FR)

Application
EP 82401954 A 19821022

Priority
FR 8120170 A 19811027

Abstract (en)
[origin: US4577744A] A coin discriminator comprises photoreceivers along a vertical drawn from an infed coin run chute whereby screening and illuminating the photoreceivers from a photoemissive source permit coin diameter identification. Two coils on either side of the chute detect the coin alloy. Coin thickness is determined using a stepshaped transversal section across the chute track where the step risers lie opposite the photoreceivers which transmit a signal word identifying the infed coin diameter and thickness. This signal word is compared with memorized words representative of acceptable coin dimensions. If the dimensions are acceptable, a combination of impedances in a bridge circuit incorporating the coils is selected in terms of the alloy corresponding to the acceptable dimensions. If the bridge balances for this combination as the coin rolls between the coils, the coin is accepted.

IPC 1-7
G07F 3/02

IPC 8 full level
G01B 11/02 (2006.01); **G01B 11/08** (2006.01); **G07D 3/04** (2006.01); **G07D 5/02** (2006.01); **G07D 5/08** (2006.01)

IPC 8 main group level
G07D (2006.01)

CPC (source: EP US)
G07D 5/02 (2013.01 - EP US); **G07D 5/08** (2013.01 - EP US)

Cited by
EP0716400A1; EP0119936A1; US5788046A; ES2043544A2; DE19640067A1; DE19640067C2; GB2243238B; FR2734356A1; DE4444105A1; DE4444105C2; WO9007164A1; WO9116690A1; WO9209056A1; WO9524024A1

Designated contracting state (EPC)
CH DE FR GB LI NL

DOCDB simple family (publication)
EP 0078214 A1 19830504; EP 0078214 B1 19840808; DE 3260545 D1 19840913; DK 159691 B 19901119; DK 159691 C 19910415; DK 472382 A 19830428; FI 71847 B 19861031; FI 71847 C 19870209; FI 823547 A0 19821018; FI 823547 L 19830428; FR 2515395 A1 19830429; FR 2515395 B1 19850531; JP S5882383 A 19830517; US 4577744 A 19860325

DOCDB simple family (application)
EP 82401954 A 19821022; DE 3260545 T 19821022; DK 472382 A 19821025; FI 823547 A 19821018; FR 8120170 A 19811027; JP 18765282 A 19821027; US 43714582 A 19821027