

Title (en)  
Coin validation apparatus.

Title (de)  
Vorrichtung zum Prüfen von Münzen.

Title (fr)  
Appareil de validation de pièces de monnaie.

Publication  
**EP 0318229 A2 19890531 (EN)**

Application  
**EP 88310998 A 19881121**

Priority  
GB 8727526 A 19871124

Abstract (en)  
Coin validation apparatus comprising a coin chute 2 arranged for directing a coin 1 entering the apparatus such that the coin will be brought into contact with a hard striking surface 3, a microphone 4 positioned to detect acoustic vibrations of the coin 1 after striking said surface, an electronic circuit capable of comparing data from said coin with stored data representative of a set of standard coins and indicating which value of coin corresponds to that having entered said apparatus, in which the part of the apparatus before the electronic circuit includes a coin detector arranged to actuate said circuit at a time when a coin 1 has been detected as entering the apparatus. The detector may be the microphone 4.

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**G07D 5/06; G07F 3/02**

IPC 8 full level  
**G07D 5/00** (2006.01)

CPC (source: EP)  
**G07D 5/00** (2013.01)

Cited by  
EP1178441A3; EP1378866A3; ES2125158A1; ES2036462A1; DE4138018C1; ES2420204R1; DE102004038153A1; DE102004038153B4; DE19934806A1; US6595060B2; US6763721B2; US7243772B2; WO0159714A1; WO0210716A3

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**EP 0318229 A2 19890531; EP 0318229 A3 19900808**; AU 2583588 A 19890525; BR 8806169 A 19890815; CN 1036470 A 19891018; DK 655688 A 19890525; DK 655688 D0 19881124; GB 2215505 A 19890920; GB 8727526 D0 19871223; GB 8827161 D0 19881229; JP H01244593 A 19890928; PT 89058 A 19890914; ZA 888742 B 19891129

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**EP 88310998 A 19881121**; AU 2583588 A 19881123; BR 8806169 A 19881124; CN 88108657 A 19881123; DK 655688 A 19881124; GB 8727526 A 19871124; GB 8827161 A 19881121; JP 29714988 A 19881124; PT 8905888 A 19881123; ZA 888742 A 19881122