

Title (en)
Coin testing apparatus and method

Title (de)
Münzprüfvorrichtung und -verfahren

Title (fr)
Dispositif et méthode pour la vérification de pièces de monnaie

Publication
EP 0996098 A2 20000426 (EN)

Application
EP 99204271 A 19970517

Priority
• EP 97918315 A 19970517
• GB 9610603 A 19960521

Abstract (en)
A method of coin testing is provided in which a laser beam (13) is directed onto a face of a coin (4) and a laser detector (3) is used to detect where the laser beam is intercepted by the coin and where the laser beam is not intercepted by the coin, so as to obtain an indication of a characteristic of the face of the coin. The characteristic of the coin is used to identify the coin. The invention also relates to an apparatus for coin testing, which comprises a laser source (11) to direct a laser beam (13) onto a face of a coin (4), a laser detector (3) for detecting where the laser is intercepted by the coin and where the laser is not intercepted by the coin, and a signal-processor (14) which obtains an indication, from an output of the laser detector (3), of a characteristic of the face of the coin which is used to identify the coin. <IMAGE>

IPC 1-7
G07D 5/02; **G07D 5/10**

IPC 8 full level
G07D 5/00 (2006.01); **G07D 5/02** (2006.01); **G07D 5/10** (2006.01); **G07F 5/10** (2006.01)

CPC (source: EP)
G07D 5/005 (2013.01); **G07D 5/02** (2013.01); **G07D 5/10** (2013.01)

Designated contracting state (EPC)
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 9744760 A1 19971127; AR 008601 A1 20000209; AT E196378 T1 20000915; AU 2648497 A 19971209; AU 716057 B2 20000217; BR 9709010 A 20000104; BR 9709010 B1 20081118; CA 2255642 A1 19971127; CA 2255642 C 20080401; CN 1135503 C 20040121; CN 1220750 A 19990623; DE 69703103 D1 20001019; DE 69703103 T2 20010118; EP 0900431 A1 19990310; EP 0900431 B1 20000913; EP 0996098 A2 20000426; EP 0996098 A3 20020731; ES 2150766 T3 20001201; GB 2327136 A 19990113; GB 9610603 D0 19960731; GB 9819877 D0 19981104; HK 1018919 A1 20000211; JP 2000510979 A 20000822; NZ 331979 A 20000825; SA 97180133 B1 20060905; TW 352426 B 19990211; ZA 974389 B 19990315

DOCDB simple family (application)
IB 9700569 W 19970517; AR P970102168 A 19970521; AT 97918315 T 19970517; AU 2648497 A 19970517; BR 9709010 A 19970517; CA 2255642 A 19970517; CN 97194420 A 19970517; DE 69703103 T 19970517; EP 97918315 A 19970517; EP 99204271 A 19970517; ES 97918315 T 19970517; GB 9610603 A 19960521; GB 9819877 A 19970517; HK 99103963 A 19990910; JP 54192897 A 19970517; NZ 33197997 A 19970517; SA 97180133 A 19970614; TW 86106936 A 19970521; ZA 974389 A 19970520