

Title (en)

Test device for investigating the hardness of coins.

Title (de)

Münzprüfeinrichtung zur Härtebestimmung von Münzen.

Title (fr)

Dispositif de test pour déterminer la dureté de pièces de monnaie.

Publication

EP 0543212 A1 19930526 (DE)

Application

EP 92118793 A 19921103

Priority

DE 4138018 A 19911119

Abstract (en)

Coin testing device for determining the hardness of coins, having a sensor against which the coins strike, and an electronic evaluation system, a striking surface of the sensor being relatively hard and the electronic evaluation system determining the period of contact of the coin with the striking surface of the sensor. <IMAGE>

Abstract (de)

Münzprüfeinrichtung zur Härtebestimmung von Münzen mit einem Sensor, an den die Münzen anschlagen, und einer Auswerteelektronik, wobei eine Anschlagfläche des Sensors relativ hart ist die Auswerteelektronik die Kontaktdauer der Münze mit der Anschlagfläche des Sensors bestimmt. <IMAGE>

IPC 1-7

G01N 3/48; **G07D 5/06**; **G07F 3/00**

IPC 8 full level

G01N 3/48 (2006.01); **G07D 5/06** (2006.01)

CPC (source: EP)

G07D 5/06 (2013.01)

Citation (search report)

- [A] WO 8300400 A1 19830203 - GNT AUTOMATIC AS [DK]
- [XP] DE 9202944 U1 19920611
- [A] US 3879982 A 19750429 - SCHMIDT ERNST
- [A] DE 3237457 A1 19840412 - BALLY WULFF AUTOMATEN GMBH [DE]
- [A] SOVIET PATENTS ABSTRACTS Section EI, Week 9107, Derwent Publications Ltd., London, GB; Class S, AN 91050305 & SU-A-1 573 393 (CORRESP POLY)
- [A] SOVIET PATENTS ABSTRACTS Section EI, Week 8748, Derwent Publications Ltd., London, GB; Class S, AN 87341181 & SU-A-1 307 295 (AS BELO APPLD PHYS)

Cited by

ES2114831A2; US6059089A; AU732168B2; GB2288266A; GB2288266B; US5797475A; US7025190B2; US6425471B1; EP0977158A2; WO9820464A1; WO9526540A1

Designated contracting state (EPC)

CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)

DE 4138018 C1 19921105; DE 59203835 D1 19951102; EP 0543212 A1 19930526; EP 0543212 B1 19950927; ES 2078628 T3 19951216

DOCDB simple family (application)

DE 4138018 A 19911119; DE 59203835 T 19921103; EP 92118793 A 19921103; ES 92118793 T 19921103