

Title (en)  
Coin processing apparatus

Title (de)  
Münzverarbeitungsvorrichtung

Title (fr)  
Appareil de traitement de pièces de monnaie

Publication  
**EP 1241636 B1 20090812 (EN)**

Application  
**EP 02076007 A 20020313**

Priority  
• JP 2001073802 A 20010315  
• JP 2001075846 A 20010316

Abstract (en)  
[origin: EP1241636A2] To present a discriminating apparatus for metal piece formed of plural materials of very high reliability capable of discriminating securely a metal piece formed of plural materials such as clad coin or bicolor coin with very high reliability. A metal piece detection sensor comprising a reflection type detection sensor disposed at one sliding surface side of a passage of a metal piece formed of plural materials, a first transmission type detection sensor disposed so as to hold one lateral end of the passage and a second transmission type detection sensor disposed so as to hold other lateral end of the passage, with the passage being made of a conductive material, in which discriminating means for discriminating the metal piece on the basis of an output of the metal piece detection sensor is further provided, and excitation signals of plural frequencies are supplied to a primary coil of the reflection type detection sensor, a primary coil of the first transmission type detection sensor, and a primary coil of the second transmission type detection sensor, and the discriminating means discriminates the metal piece passing the passage on the basis of an output of a secondary coil of the reflection type detection sensor, an output of a secondary coil of the first transmission type detection sensor, and an output of a secondary coil of the second transmission type detection sensor. <IMAGE>

IPC 8 full level  
**G07D 5/08** (2006.01)

CPC (source: EP)  
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