

Title (en)
Magnetic sensor for coin recognition

Title (de)
Magnetsensor zur Münzerkennung

Title (fr)
Capteur magnétique de reconnaissance de pièces de monnaie

Publication
EP 2626839 A1 20130814 (EN)

Application
EP 13154535 A 20130208

Priority
JP 2012027058 A 20120210

Abstract (en)
A magnetic sensor (1) for coin recognition includes a core plate (10) and a plurality of coils (12a, 12b, 14, 15). The core plate (10) has an opening for a measurement target coin to pass through, and a plurality of convex portions jutting toward the opening. The coils (12a, 12b, 14, 15) are arranged above and below the coin when the coin passes through the opening. All the coils (12a, 12b, 14, 15) are formed around the convex portions of the core plate (10) as cores thereof.

IPC 8 full level
G07D 5/08 (2006.01)

CPC (source: EP)
G07D 5/08 (2013.01)

Citation (search report)
• [XYI] EP 1241636 A2 20020918 - GLORY KOGYO KK [JP]
• [YA] EP 1104920 A1 20010606 - GLORY KOGYO KK [JP]
• [A] GB 2400223 A 20041006 - MONEY CONTROLS LTD [GB]

Cited by
US2016163141A1; US9916710B2; EP3441950A4; US11054488B2; US9530269B2

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2626839 A1 20130814; CN 103258365 A 20130821; CN 103258365 B 20160817; JP 2013164708 A 20130822; JP 5882772 B2 20160309

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EP 13154535 A 20130208; CN 201310049410 A 20130207; JP 2012027058 A 20120210