

Title (en)

DEVICE FOR CHECKING COINS AND BANKNOTES

Title (de)

VORRICHTUNG ZUR PRÜFUNG VON MÜNZEN UND BANKNOTEN

Title (fr)

DISPOSITIF DE CONTRÔLE DES PIÈCES DE MONNAIE ET DES BILLETS DE BANQUE

Publication

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Application

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Priority

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- IT 202200002165 U 20220525

Abstract (en)

The present invention relates to a device for checking coins and banknotes (1) for ascertaining at least the value of coins and banknotes and whether said banknotes are genuine or counterfeit. Such a device for checking coins and banknotes (1) comprises a banknote check unit (14) comprising: a casing (15) where at least one opening (16, 17) is defined for inserting at least one banknote (T) and extracting said at least one banknote (T); moving means (20a, 20b, 21, 22, 23, 24, 25) for transporting at least one banknote (T) from said at least one opening (16, 17) to an inner zone of the casing (15) and for transporting said at least one banknote (T) from said inner zone of the casing (15) to said at least one opening (16, 17); and at least one sensor (30, 31) which is located within the casing (15) and configured to detect at least one characteristic of said at least one banknote (T) when said at least one banknote (T) is within the casing (15) and ascertain the value of said at least one banknote (T) and whether said at least one banknote (T) is genuine or counterfeit based on said at least one characteristic. The above-mentioned device for checking coins and banknotes (1) also comprises a coin check unit (2) comprising: a casing (3) where are defined an inlet opening (4) for the insertion of at least one coin (M) and an outlet opening (5) for the exit of said at least one coin (M); said outlet opening (5) being formed in a lower position than said inlet opening (4); a passage (7) which is formed in said casing (3) between the inlet opening (4) and the outlet opening (5) and configured such as to allow the passage of said at least one coin (M); and at least one sensor (10, 11) which is located within said casing (3) and configured to detect at least one characteristic of said at least one coin (M) when said at least one coin (M) passes through the passage (7) and ascertain the value of said at least one coin (M) based on said at least one characteristic of said at least one coin (M); wherein the coin check unit (2) is connected with the banknote check unit (14). The above-mentioned device for checking coins and banknotes (1) also comprises a control device (32) for controlling the operation of the banknote check unit (14) and of the coin check unit (2); the control device (32) being located in the banknote check unit (14) or in the coin check unit (2).

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [I] US 2020074780 A1 20200305 - TANAAMI NORIHIKO [JP], et al
- [I] CN 108447170 A 20180824 - UNIV SCIENCE & TECHNOLOGY LIAONING
- [I] CN 212379909 U 20210119 - BST SHENZHEN MACHINERY ELECTRONIC CO LTD
- [I] US 2013032447 A1 20130207 - HU CHIA-HUNG [TW], et al

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