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## (54) Coin sorting device

(57) Device to separate coins (14), for example the eight euro coins, tokens or other disk-shaped elements and having different diameters, comprising a fixed structure (11) provided with a hopper (15) to introduce the coins (14) to be separated, and collecting tubes (18) able to collect the coins (14) separated according to their individual diameter. A guide track (30) is arranged inclined with respect to a horizontal plane and a guide wall (31) is arranged inclined backwards with respect to the vertical plane in order to guide in their descent the coins (14) to be separated. Wedge-shaped elements (16) and diversion elements (32) are associated with the guide wall (31) and the track (30) in order to selectively divert and discharge the coins (14) into the collecting tubes (18) below.

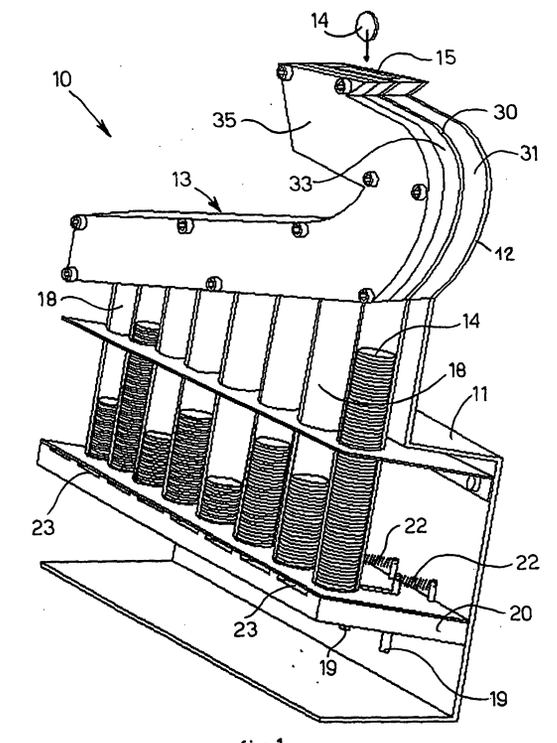



fig.1

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# EUROPEAN SEARCH REPORT

Application Number
EP 03 00 2814

## DOCUMENTS CONSIDERED TO BE RELEVANT

| Category | Citation of document with indication, where appropriate, of relevant passages | Relevant to claim | CLASSIFICATION OF THE APPLICATION (Int.Cl.7) |
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TECHNICAL FIELDS SEARCHED (Int.Cl.7)

G07D

The present search report has been drawn up for all claims

| Place of search | Date of completion of the search | Examiner |
|---|---|---|
| THE HAGUE | 2 October 2003 | Verhoef, P |

CATEGORY OF CITED DOCUMENTS

X : particularly relevant if taken alone
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## ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO. EP 03 00 2814

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02-10-2003

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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82