

Title (en)
COIN-QUEUEING APPARATUS

Publication
EP 0156761 A3 19870819 (DE)

Application
EP 85730034 A 19850304

Priority
DE 3408524 A 19840305

Abstract (en)
[origin: US4657035A] An improved device for separating out single coins from a collective plurality of coins solves the problem of separating stacked coins, namely two or three coins lying one upon the other with their total thickness being smaller than or equal to that of the thickest coin. In accordance with the device, to separate the coins, a second coin stripping arm (15) embodied by a narrow and thin guide finger (16) is provided downstream of a first coin stripper (14), considered in the direction of rotation (Arrow 5) of the coin disc (3), the first coin stripper (14) being adjusted to the thickness of the thickest coin, and the guide finger (16) projecting beyond the disc outer edge and guiding the respective underlying coins (11) on the coin disc (3) directly into a guideway (8) above which a first conveyor belt (12) is disposed. Another conveyor belt (18) extending parallel to the first conveyor belt (12) runs above the guide finger (16) and pulls off any overlying coins (11) which rest on those coins (11) which lie directly on the coin disc (3) thereby returning those overlying coins to the coin disc (3). The guide finger (16) co-operates with a crescent-shaped spring-biased pivot or ball closing element (25) by which the entrance (7) is opened at every instance only to an extent permitting a single coin to pass along the front edge (17) of the guide finger (16) into the guideway (8).

IPC 1-7
G07D 9/00

IPC 8 full level
G07D 9/00 (2006.01)

CPC (source: EP US)
G07D 9/008 (2013.01 - EP US)

Citation (search report)
• [A] DE 3244292 A1 19830623 - GLORY KOGYO KK [JP]
• [A] DE 3021327 A1 19811224 - SCHORPP WALTER F

Cited by
EP0266021A3; EP0691015A4; DE3929462A1

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EP 0156761 A2 19851002; EP 0156761 A3 19870819; EP 0156761 B1 19891011; AT E47237 T1 19891015; AU 4183085 A 19861106; AU 563254 B2 19870702; DE 3408524 A1 19850912; DE 3408524 C2 19860116; DE 3573669 D1 19891116; DK 156597 B 19890911; DK 156597 C 19900219; DK 8500995 A 19850906; DK 99585 A 19850906; DK 99585 D0 19850304; US 4657035 A 19870414

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