

Title (en)  
Three-coin coin system

Title (de)  
Münzvorrichtung für drei Münzen

Title (fr)  
Mécanisme de pièces de monnaie pour trois pièces

Publication  
**EP 1624420 A1 20060208 (EN)**

Application  
**EP 04381027 A 20040806**

Priority  
EP 04381027 A 20040806

Abstract (en)  
Three-coin coin system that has a front plate, with three slots through which the coins are inserted, also presenting on the first rotary disc in contact with the front plate housings that have recesses machined in their outer edge to facilitate the projection of the finger, while on the control unit there is a clutch that disengages the control unit when a certain torque is exceeded, for which purpose one end of the spindle is provided with opposing semi-circular recesses where metal rollers are located which, when the spindle is installed on the control unit, match up with plastic rollers inside the control unit. Furthermore and in order to assist the three-coin coin system the angle-toothed crown wheel has some of these teeth removed so as to facilitate runback in the event of insertion of a wrong coin, something which often happens, while it also has means for fastening the coin system to the support structure of the machine, based on the use of a rocking pawl.

IPC 8 full level  
**G07F 5/02** (2006.01)

CPC (source: EP)  
**G07F 5/02** (2013.01)

Citation (search report)  
• [AD] US 5657848 A 19970819 - SCHWARZLI JOSEF W [CA]  
• [A] US 3010557 A 19611128 - WEITZMAN NORMAN G  
• [A] US 4363393 A 19821214 - MCDONALD WINFORD G  
• [A] US 3620342 A 19711116 - PRESCOTT BERNARD CLARK

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 1624420 A1 20060208; EP 1624420 B1 20070627**; AT E365958 T1 20070715; DE 602004007259 D1 20070809; ES 2286581 T3 20071201; PT 1624420 E 20070906

DOCDB simple family (application)  
**EP 04381027 A 20040806**; AT 04381027 T 20040806; DE 602004007259 T 20040806; ES 04381027 T 20040806; PT 04381027 T 20040806