

Title (en)

MONNEY REFUND DEVICE FOR PAYMENT MECHANISMS

Title (de)

RÜCKGELDVORRICHTUNG FÜR ZAHLUNGSMECHANISMEN

Title (fr)

RENDEUR DE MONNAIE POUR MECANISME DE PAIEMENT

Publication

EP 0957456 A1 19991117 (EN)

Application

EP 97912225 A 19971117

Priority

- ES 9700278 W 19971117
- ES 9602491 A 19961126

Abstract (en)

The money refund device of the invention comprises a coin receiving chamber of which the bottom or part of its wall is comprised of a rotating disk (1) which is traversed by retractable blades (7) capable of entraining the coins (3) during the rotation of the disk. Said blades are displaceable between an extracted position wherein they project partially from the disk surface to entrain the coins (3) and a retracted position wherein they do not project with respect to said surface. The blades (7) are elastically impelled towards the extracted position and are displaced towards the retracted position when reaching the position of an arm or needle (5) which restricts the outlet opening for coins (3). <IMAGE>

IPC 1-7

G07D 9/00

IPC 8 full level

G07D 9/00 (2006.01); **G07D 1/00** (2006.01); **G07F 5/24** (2006.01)

CPC (source: EP)

G07D 9/008 (2013.01)

Cited by

EP2410495A1; DE102005023297A1; CN106157435A; GB2402934A; EP3300041A1; IT201600094535A1; EP1387328A1; ES2199083A1; GB2456168B; GB2456168A; US9105140B2; US7628685B2; EP2463217A2; EP2698330A2; US10255744B2; DE202013002376U1; US7682230B2; EP1998293A2

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 0957456 A1 19991117; EP 0957456 B1 20011205; AR 010642 A1 20000628; AT E210326 T1 20011215; AU 4949697 A 19980622; BR 9713420 A 20020115; CA 2272709 A1 19980604; CO 4770910 A1 19990430; DE 69708921 D1 20020117; DE 69708921 T2 20021002; ES 2119709 A1 19981001; ES 2119709 B1 19990701; ES 2168620 T3 20020616; HU P9903891 A2 20000328; HU P9903891 A3 20010528; JP 2001504623 A 20010403; NO 992496 D0 19990525; NO 992496 L 19990720; PE 9199 A1 19990216; PT 957456 E 20020531; TW 350945 B 19990121; WO 9824068 A1 19980604; ZA 9710549 B 19980612

DOCDB simple family (application)

EP 97912225 A 19971117; AR P970105517 A 19971125; AT 97912225 T 19971117; AU 4949697 A 19971117; BR 9713420 A 19971117; CA 2272709 A 19971117; CO 97068316 A 19971121; DE 69708921 T 19971117; ES 9602491 A 19961126; ES 9700278 W 19971117; ES 97912225 T 19971117; HU P9903891 A 19971117; JP 52430898 A 19971117; NO 992496 A 19990525; PE 00104297 A 19971118; PT 97912225 T 19971117; TW 87104756 A 19980326; ZA 9710549 A 19971124