

Title (en)

COIN RETURNING DEVICE FOR COIN ACTUATED MACHINES

Title (de)

CHIRURGISCHE VORRICHTUNG ZUR DURCHFÜHRUNG EINES LAMELLÄREN HORNHAUTSCHNITTES

Title (fr)

DISPOSITIF DESTINE A RENDRE LES PIECES DE MONNAIE CON U POUR DES MACHINES ACTIONNEES PAR DES PIECES DE MONNAIE

Publication

**EP 1020818 A1 20000719 (EN)**

Application

**EP 99929337 A 19990716**

Priority

- ES 9900227 W 19990716
- ES 9801635 A 19980731

Abstract (en)

Coin dispenser for coin-operated machines, comprising a coin collecting hopper provided with a rotary extraction disc (1) which includes means (3) for carrying coins individually, and an arm (6) which deflects coins (13) towards an outlet, where an extraction trip (7) is placed. In addition, the dispenser includes means for detecting the denomination or value of coins (4, 4a) carried by the extraction disc (2) before they leave the hopper, as well as a deflection mechanism which determines if each coin exits or not depending on whether its value agrees with that of the coin to be returned in each case. <IMAGE>

IPC 1-7

**G07D 3/14; G07D 9/00**

IPC 8 full level

**G07D 3/14** (2006.01); **G07D 9/00** (2006.01)

CPC (source: EP)

**G07D 3/14** (2013.01); **G07D 9/008** (2013.01)

Cited by

JP2015232764A; EP2315183A1; IT201900015461A1; EP2463829A1; ITBO20100729A1; ES2374463A1; ES2390726A1; GB2442865A; GB2442865B; US7490709B2; US7584833B2; WO2005055157A1; US7426988B2; US7537099B2; US7144318B2; EP2226769A1; US8226458B2; US11704960B2

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**EP 1020818 A1 20000719; EP 1020818 B1 20030108**; AR 019487 A1 20020220; AT E230870 T1 20030115; AU 4617599 A 20000228; AU 753182 B2 20021010; BR 9906638 A 20020115; DE 69904802 D1 20030213; DE 69904802 T2 20031224; ES 2144964 A1 20000616; ES 2144964 B1 20010201; ES 2190652 T3 20030801; HU P0004309 A2 20010328; NO 20001660 D0 20000330; NO 20001660 L 20000529; PE 20000990 A1 20001011; WO 0008607 A1 20000217; ZA 994889 B 20000229

DOCDB simple family (application)

**EP 99929337 A 19990716**; AR P990103696 A 19990727; AT 99929337 T 19990716; AU 4617599 A 19990716; BR 9906638 A 19990716; DE 69904802 T 19990716; ES 9801635 A 19980731; ES 9900227 W 19990716; ES 99929337 T 19990716; HU P0004309 A 19990716; NO 20001660 A 20000330; PE 00073999 A 19990722; ZA 994889 A 19990729