

Title (en)

COIN DISTRIBUTOR FOR COIN ACTUATED MACHINES

Title (de)

MÜNZAUSGABEVORRICHTUNG FÜR MÜNZBETÄTIGTE AUTOMATEN

Title (fr)

DISTRIBUTEUR DE PIÈCES DE MONNAIE CONÇU POUR MACHINES ACTIONNÉES PAR DES PIÈCES DE MONNAIE

Publication

EP 1020819 B1 20021106 (EN)

Application

EP 99929338 A 19990716

Priority

- ES 9900228 W 19990716
- ES 9801634 A 19980731

Abstract (en)

[origin: EP1020819A1] Coin returner for coin-operated machines consisting of an endless belt (1) provided with transverse transportation blades (5), whose belt connects two positions placed at different heights. The rising segment of the belt at least is surrounded by a screen defined by a front wall (7) and two side walls (8). This screen has a lower opening to receive the coins one by one and one or more upper outlets (12) limited by a trapdoor (13) which can intercept the upwards path of coins (10). <IMAGE> <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

DE102009048582A1; DE102011054167A1; CN102708619A; DE102011001870A1; DE102011050528A1; DE102012100309A1; EP2584542A1; DE102011054532A1; EP2091026A4; CN105247579A; CN105247580A; JP2016520928A; CN105009176A; US8998686B2; US9384615B2; WO2014184555A1; WO2014184556A1; US9715779B2; US8991584B2; US9697666B2; US10096194B2; US10217309B2; US10600271B2; WO2014118579A1

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 1020819 A1 20000719; **EP 1020819 B1 20021106**; AR 019966 A1 20020327; AT E227451 T1 20021115; AU 4617699 A 20000228; AU 753528 B2 20021017; BR 9906643 A 20020115; DE 69903788 D1 20021212; DE 69903788 T2 20030918; ES 2144963 A1 20000616; ES 2144963 B1 20010101; HU P0004399 A2 20010428; HU P0004399 A3 20010528; NO 20001661 D0 20000330; NO 20001661 L 20000524; PE 20001010 A1 20001017; WO 0008608 A1 20000217; ZA 994888 B 20000229

DOCDB simple family (application)

EP 99929338 A 19990716; AR P990103778 A 19990729; AT 99929338 T 19990716; AU 4617699 A 19990716; BR 9906643 A 19990716; DE 69903788 T 19990716; ES 9801634 A 19980731; ES 9900228 W 19990716; HU P0004399 A 19990716; NO 20001661 A 20000330; PE 00074099 A 19990722; ZA 994888 A 19990729