

Title (en)

BASE WITH INFLATING MECHANISM FOR DISPENSING MACHINE FOR DEFLATED BALLS

Title (de)

BASIS MIT AUFBLASMECHANISMUS FÜR EINE NICHT AUFGEBLASENE BÄLLE AUSGEBENDE MASCHINE

Title (fr)

BASE POURVUE D'UN MÉCANISME DE GONFLEMENT POUR DISTRIBUTEUR DE BALLONS DÉGONFLÉS

Publication

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Application

EP 07860857 A 20071218

Priority

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Abstract (en)

[origin: US2010180984A1] This invention refers to a base with inflated mechanism for vending machine of deflated balls integrated by an exterior pedal connected to two pneumatic pistons joined in its superior part to a manometer, of which a hose joins connected to a T form connection which in its inferior part includes a pulley wheel to which two springs attached join to the internal walls of the vending machine that allows the hose with valve that is located in the exterior of the machine to inject the air to the ball. The T connection, joins another hose that in its final part has one relief valve covered in the exterior of the machine by a lever that releases the flow of air injected to the ball.

IPC 8 full level

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CPC (source: EP US)

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G07F 11/72 (2013.01 - EP US); **G07F 17/06** (2013.01 - EP US); **A63B 2210/58** (2013.01 - EP US)

Citation (search report)

- [A] US 5370161 A 19941206 - SHAFER ERIK J [US]
- [A] US 3380490 A 19680430 - ELLENBERG CARL H, et al
- [A] US 3191801 A 19650629 - STANDISH RAYMOND P
- [A] US 3670860 A 19720620 - ALLISON RUDOLPH L
- [A] US 3911974 A 19751014 - KUYKENDALL CLAUDE W
- [A] US 4362193 A 19821207 - ERDOS WILLIAM A, et al
- [A] US 5875810 A 19990302 - DALLAS W GORDON [US], et al
- See references of WO 2009002138A2

Cited by

CN105083761A; CN107106892A

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