

Title (en)

Method and system for storage, processing and dispensing of food products

Title (de)

Verfahren und Vorrichtung zur Lagerung, Behandlung und Ausgabe von Lebensmitteln

Title (fr)

Méthode et système pour le stockage, le traitement et la distribution de produits alimentaires

Publication

EP 1617385 A3 20060208 (DE)

Application

EP 05009187 A 20050427

Priority

- EP 04010007 A 20040427
- EP 05009187 A 20050427

Abstract (en)

[origin: EP1617385A2] The cake dispensing unit (201) has a feed mechanism (202) placing individual cakes (203) in receptacles (207) on a chain (204). The chain passes over a number of guide rollers and moves past several dispensing points (205). Ejector mechanisms (214) may move cakes from individual containers onto conveyors (208). Output hoppers (312) lead to bags (210) held in the dispensing points. Labels (211) may be stuck to the bags. There is a control panel with pushbuttons (206). A receptacle (209) at the bottom receives unused cakes.

IPC 8 full level

G07F 11/58 (2006.01); **G07F 11/48** (2006.01)

CPC (source: EP)

G07F 11/48 (2013.01); **G07F 11/58** (2013.01)

Citation (search report)

- [XY] DE 3815466 A1 19891116 - TEPRO PRAEZISIONSTECHNIK GMBH [DE]
- [DX] DE 20302346 U1 20030417 - REWE ZENTRAL AG [DE]
- [X] FR 2841025 A1 20031219 - AUTOMAT & FOOD [FR]
- [X] US 4349714 A 19820914 - TAMANO TOKUO
- [Y] US 4722058 A 19880126 - NAKAYAMA NOBUO [JP], et al
- [A] US 5188020 A 19930223 - BUCHNAG KAMAL M [US]
- [A] US 4687119 A 19870818 - JUILLET HUBERT [CH]
- [A] US 3099342 A 19630730 - LEWINGTON MICHAEL H, et al
- [A] WO 02091317 A2 20021114 - MARTINELLI MARA [IT], et al
- [A] PATENT ABSTRACTS OF JAPAN vol. 017, no. 105 (P - 1495) 3 March 1993 (1993-03-03)

Cited by

DE102015113399A1; DE102016123717A1; US8827068B2; EP2106700A1; EP1688042A3; WO2010136556A1; WO2017025538A1; DE102015113400A1; WO2017025576A1

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