

Title (en)

Apparatus for filling food product cups

Title (de)

Anlage zum Befüllen von Nahrungsmittelbechern

Title (fr)

Appareil pour remplir des gobelets pour produits alimentaires

Publication

EP 1602579 B1 20080730 (DE)

Application

EP 05011675 A 20050531

Priority

DE 102004028423 A 20040601

Abstract (en)

[origin: EP1602579A1] Food products are dispensed via open nozzles (7) and a pressure reducing means (4a-4d) for preventing the food product dripping from the nozzles is provided in the food product supply lines (2a-2d) in a region separate from the nozzles. The pressure reducing means comprise dosing pumps. The containers (8) are filled simultaneously in a cycle with at least two different paste-consistency food products stored in separate vessels (1a-1d). A pressure generating system (3a-3d) and volume dosing system are connected to the supply lines and nozzles. Independent claims are also included for the following: (A) Multiple nozzle with individual nozzles for the simultaneous cycled dosing of two or more different paste-consistency food products which is free from closure devices in the nozzle openings; and (B) Desert product comprising different food products which are preferably differently coloured inside a container, in which at least three distinct food product phases are present adjacent to each other when the desert product is viewed in cross-section.

IPC 8 full level

B65B 3/32 (2006.01); **B65B 3/14** (2006.01); **B65B 43/62** (2006.01); **B65D 77/08** (2006.01); **B65B 39/00** (2006.01)

CPC (source: EP)

B65B 3/14 (2013.01); **B65B 3/326** (2013.01); **B65B 43/62** (2013.01); **B65B 2039/009** (2013.01); **B65B 2220/14** (2013.01)

Cited by

CN103863594A; CN107985640A; CN112319950A; CN108001742A; EP2639163A1; EP1842773A3; EP2025246A1; WO2015010852A1; WO2012015796A3; EP2177109A2; EP2668848A2; US10150582B2; EP1842773A2; US8167005B2; US11998024B2; EP2142006B1

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