

Title (en)

Packaging bag for aseptic filling of flowable or pourable products

Title (de)

Verpackungsbeutel für ein keimfreies Abfüllen von fließ-oder schüttfähigen Produkten

Title (fr)

Sachet d'emballage pour remplissage aseptique de produits coulants

Publication

EP 1247749 B2 20070425 (DE)

Application

EP 02014666 A 19990504

Priority

- EP 99924877 A 19990504
- EP 02014666 A 19990504

Abstract (en)

[origin: EP1247749A2] The food/beverage is packed into a flexible film pouch with fill opening having a closure cap. The cap can be moved between first and second closing positions. In first position, the cap can be removed without causing damage. The interior of the empty mainly flat pouch, with cap in first position, is sterilized; the pouch is transferred to a filling station; the pouch exterior is sterilized; the cap is removed; the pouch is filled with the product; the cap is replaced and sealed by being moved into the second position.

IPC 8 full level

B65D 41/48 (2006.01); **B65D 33/38** (2006.01); **B65D 47/08** (2006.01); **B65D 75/58** (2006.01); **F16F 9/46** (2006.01)

CPC (source: EP)

B65D 41/485 (2013.01); **B65D 47/0838** (2013.01); **B65D 75/5883** (2013.01); **B65D 2401/25** (2020.05)

Citation (opposition)

Opponent :

- US 4494663 A 19850122 - BERTAUD FRANCOIS X [US], et al
- US 3952902 A 19760427 - PROUTY MYRON R, et al

Cited by

FR2852295A1; IT202000017998A1; US7762414B2; WO2004083044A3; WO2022018536A1

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 1247749 A2 20021009; **EP 1247749 A3 20021023**; **EP 1247749 B1 20040324**; **EP 1247749 B2 20070425**; AT E262455 T1 20040415; DE 59908980 D1 20040429; DK 1247749 T3 20040712; DK 1247749 T4 20070903; ES 2217228 T3 20041101; ES 2217228 T5 20071201; PT 1094969 E 20031231; PT 1247749 E 20040831

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EP 02014666 A 19990504; AT 02014666 T 19990504; DE 59908980 T 19990504; DK 02014666 T 19990504; ES 02014666 T 19990504; PT 02014666 T 19990504; PT 99924877 T 19990504