

Title (en)

Apparatus and method for filling flexible foil bags

Title (de)

Vorrichtung und Verfahren zum Befüllen flexibler Folienbeutel

Title (fr)

Dispositif et procédé pour remplir des sachets flexibles en feuille

Publication

**EP 1598274 B1 20071024 (DE)**

Application

**EP 04012124 A 20040521**

Priority

EP 04012124 A 20040521

Abstract (en)

[origin: EP1598274A1] The method for filling flexible foil bags (1) involves using a gaseous medium such as nitrogen, oxygen or air to shape out and disinfect the bag which is then filled with fluid material such as a drink. The gaseous medium can be ozone and/or hydrogen peroxide. The bag can be evacuated before it is shaped out. Independent claim describes apparatus for filling bag which has a device for adding a disinfecting agent to the gaseous medium. This can include a heating device.

IPC 8 full level

**B65B 55/04** (2006.01); **B65B 55/06** (2006.01); **B65B 1/04** (2006.01); **B65B 3/04** (2006.01); **B65B 3/16** (2006.01); **B65B 31/04** (2006.01); **B65B 43/34** (2006.01); **B65B 43/36** (2006.01); **B65B 55/10** (2006.01)

CPC (source: EP US)

**B65B 43/30** (2013.01 - EP US); **B65B 43/36** (2013.01 - EP US); **B65B 55/06** (2013.01 - EP US); **B65B 55/10** (2013.01 - EP US)

Citation (examination)

US 5928607 A 19990727 - FRISK PETER [US]

Cited by

DE102010049263A1; DE102008009061A1; DE102007015752A1; DE102006035963A1; WO2008119467A1; WO2012055459A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL HR LT LV MK

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