

Title (en)
Germ-free drinking water dispenser

Title (de)
Keimfreier Trinkwasserspender

Title (fr)
Distributeur d'eau potable sans germe

Publication
EP 2228317 A1 20100915 (DE)

Application
EP 09075501 A 20091111

Priority
• EP 09075099 A 20090306
• EP 09075501 A 20091111

Abstract (en)
The system has a container (10) provided with a pressure compensation opening (12). A bag (14) is introduced in the container and is made of thermoplastic material i.e. polyethylene terephthalate. The bag is air-tightly closed at an upper end by a closure device i.e. closing snap ring, with an integrated guide pipe and a sterile foil i.e. thermoplastic foil. The closure device rests in the opening of the container in a custom-fit manner. A filling device penetrates the sterile foil during filling the bag. The closure device is closed by a cover (19) after filling the bag. An independent claim is also included for a kit having information for utilizing components of a fluid container manufacturing system.

Abstract (de)
Die Erfindung betrifft einen Flüssigkeitsbehälter, insbesondere eine Gallonenflasche (10), zum Einsatz in einem Flüssigkeitsspender, wobei der Flüssigkeitsbehälter (10) wenigstens eine Luftöffnung (12) in dessen Außenwand aufweist, und einen Beutel (14) beherbergt, der nach Einbringen in den Flüssigkeitsbehälter (10) mit Flüssigkeit, bevorzugt Wasser befüllbar ist, und bei der Entnahme kein Luftrückschlag in den Beutel erfolgt.

IPC 8 full level
B65D 83/00 (2006.01); **B67D 3/00** (2006.01)

CPC (source: EP)
B65D 83/0055 (2013.01); **B65D 2205/02** (2013.01)

Citation (applicant)
DE 19626967 C2 19990812 - GAPLAST GMBH [DE]

Citation (search report)
• [XA] US 2804257 A 19570827 - CHARLES HASLER, et al
• [XA] CN 201179996 Y 20090114 - SHIMING GUO [CN]
• [XDA] DE 19626967 A1 19980108 - GAPLAST GMBH [DE]
• [XA] FR 2904971 A1 20080222 - EUROFEEDBACK SOC PAR ACTIONS S [FR]
• [XA] CH 325200 A 19571031 - OERLIKON BUEHRLE AG [CH]

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
DE 202009013717 U1 20100325; EP 2228317 A1 20100915; EP 2228317 A9 20101117

DOCDB simple family (application)
DE 202009013717 U 20091111; EP 09075501 A 20091111