

Title (en)
NEW PACKAGING FOR LIQUID PRODUCTS

Title (de)
NEUE VERPACKUNG FÜR FLÜSSIGPRODUKTE

Title (fr)
NOUVEL EMBALLAGE POUR PRODUITS LIQUIDES

Publication
EP 2176142 B1 20121219 (FR)

Application
EP 08829761 A 20080716

Priority
• FR 2008001042 W 20080716
• EP 07290898 A 20070718
• EP 08829761 A 20080716

Abstract (en)
[origin: EP2019051A1] The package has a permeable material in a form of film, on an exchange surface of the package, where the material is permeable to liquid water and water vapor. The ratio of the exchange surface to a mass of liquid product is 1.2, where co-efficient of permeability of the material to oxygen and coefficient of permeability of the material to carbon dioxide ranges between specific values. A membrane seal is fixed above the package, where the package is in the form of bag. An independent claim is also included for a method for preserving and using a liquid product containing yeast.

IPC 8 full level
B65D 85/72 (2006.01)

CPC (source: EP US)
B65D 85/72 (2013.01 - EP US)

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 MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 2019051 A1 20090128; EP 2019051 B1 20100113; AR 067581 A1 20091014; AT E455057 T1 20100115; AU 2008294660 A1 20090312; AU 2008294660 B2 20130919; BR PI0814727 A2 20191008; BR PI0814727 B1 20210309; CA 2692625 A1 20090312; CA 2692625 C 20160126; CL 2008002112 A1 20081107; CN 101743179 A 20100616; CN 101743179 B 20120523; DE 602007004321 D1 20100304; DK 2019051 T3 20100525; EA 016553 B1 20120530; EA 201070157 A1 20100630; EP 2176142 A2 20100421; EP 2176142 B1 20121219; ES 2340730 T3 20100608; HR P20100090 A2 20100430; HR P20100090 B1 20151106; JP 2010533627 A 20101028; JP 5443350 B2 20140319; MA 31560 B1 20100802; MX 2010000419 A 20100427; NZ 582662 A 20110930; PL 2019051 T3 20100831; PT 2019051 E 20100416; SI 2019051 T1 20100630; UA 97994 C2 20120410; US 2011311677 A1 20111222; US 2019241355 A1 20190808; WO 2009030832 A2 20090312; WO 2009030832 A3 20090507; WO 2009030832 A8 20091217

DOCDB simple family (application)
EP 07290898 A 20070718; AR P080103075 A 20080717; AT 07290898 T 20070718; AU 2008294660 A 20080716; BR PI0814727 A 20080716; CA 2692625 A 20080716; CL 2008002112 A 20080717; CN 200880024787 A 20080716; DE 602007004321 T 20070718; DK 07290898 T 20070718; EA 201070157 A 20080716; EP 08829761 A 20080716; ES 07290898 T 20070718; FR 2008001042 W 20080716; HR P20100090 A 20100218; JP 2010516537 A 20080716; MA 32447 A 20091223; MX 2010000419 A 20080716; NZ 58266208 A 20080716; PL 07290898 T 20070718; PT 07290898 T 20070718; SI 200730210 T 20070718; UA A201001700 A 20080716; US 201916386836 A 20190417; US 66902008 A 20080716