

Title (en)  
POUCH COMPRISING MEANS FOR HEATING OR COOLING ITS CONTENTS

Title (de)  
BEUTEL MIT MITTELN ZUM ERWÄRMEN ODER ABKÜHLEN DES BEUTELINHALTS

Title (fr)  
SACHET COMPRENANT DES MOYENS POUR ÉCHAUFFER OU RÉFRIGÉRER SA CONTENANCE

Publication  
**EP 2698327 B1 20160928 (EN)**

Application  
**EP 12770555 A 20120413**

Priority

- KR 20110035032 A 20110415
- KR 20110064741 A 20110630
- KR 20110087150 A 20110830
- KR 20110106931 A 20111019
- KR 20110106930 A 20111019
- KR 2012002781 W 20120413

Abstract (en)  
[origin: EP2698327A2] Disclosed is a pouch convenient to heat or cool contents. The pouch includes: a contents-accommodating section which can accommodate contents; a temperature controller which includes a temperature control agent arranged in a temperature control space provided at least one between front and back sides with respect to the contents-accommodating section, and a liquid reactant entrance arranged to be lower than an upper end of the contents-accommodating section and through which a liquid reactant for exothermically or endothermically reacting with the temperature control agent is put into the temperature control space; and a sealing portion which seals up the liquid reactant entrance so that the liquid reactant entrance can be opened when force of not less than a certain magnitude is applied.

IPC 8 full level  
**B31B 50/64** (2017.01); **B65D 81/34** (2006.01); **F24V 30/00** (2018.01); **B65D 33/25** (2006.01); **B65D 75/58** (2006.01); **F24J 1/00** (2006.01); **F25D 5/02** (2006.01)

CPC (source: EP US)  
**B65B 3/02** (2013.01 - US); **B65D 31/04** (2013.01 - EP US); **B65D 33/16** (2013.01 - EP US); **B65D 75/5805** (2013.01 - EP US); **B65D 75/5833** (2013.01 - EP US); **B65D 81/34** (2013.01 - EP US); **B65D 81/3484** (2013.01 - EP US); **F24V 30/00** (2018.04 - EP US); **F25D 5/02** (2013.01 - EP US); **B65D 33/2508** (2013.01 - EP US)

Designated contracting state (EPC)  
AL 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 RS SE SI SK SM TR

DOCDB simple family (publication)  
**EP 2698327 A2 20140219**; **EP 2698327 A4 20150408**; **EP 2698327 B1 20160928**; CN 103608269 A 20140226; CN 105000277 A 20151028; CN 105000277 B 20170908; JP 2014515087 A 20140626; JP 6159314 B2 20170712; US 2014102436 A1 20140417; WO 2012141508 A2 20121018; WO 2012141508 A3 20130307

DOCDB simple family (application)  
**EP 12770555 A 20120413**; CN 201280029636 A 20120413; CN 201510303254 A 20120413; JP 2014505081 A 20120413; KR 2012002781 W 20120413; US 201214111961 A 20120413