

Title (en)

PACKAGING INCLUDING PHASE CHANGE MATERIALS

Title (de)

VERPACKUNG MIT SPEICHERSTOFFEN

Title (fr)

EMBALLAGE COMPRENANT DES MATÉRIAUX À CHANGEMENT DE PHASE

Publication

**EP 2547600 A1 20130123 (EN)**

Application

**EP 11710627 A 20110316**

Priority

- US 31470610 P 20100317
- US 2011028643 W 20110316

Abstract (en)

[origin: WO2011116076A1] The present disclosure relates to packaging and storage assemblies having phase change materials and methods of using the packaging and storage assemblies. In a general embodiment, the present disclosure provides a packaging including a temperature barrier layer having one or more phase change materials. The phase change material can be stored within the temperature barrier layer.

IPC 8 full level

**B65D 75/00** (2006.01); **B65D 81/38** (2006.01)

CPC (source: EP US)

**B65D 75/002** (2013.01 - EP US); **B65D 81/3897** (2013.01 - EP US); **F28D 20/02** (2013.01 - EP US); **F28D 20/026** (2013.01 - EP US)

Citation (search report)

See references of WO 2011116076A1

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)

**WO 2011116076 A1 20110922**; AU 2011227321 A1 20121011; BR 112012023447 A2 20190924; CA 2793370 A1 20110922; CN 103038143 A 20130410; EP 2547600 A1 20130123; JP 2013522134 A 20130613; MX 2012010697 A 20121009; RU 2012144051 A 20140427; SG 184070 A1 20121030; US 2013062355 A1 20130314; ZA 201207757 B 20150624

DOCDB simple family (application)

**US 2011028643 W 20110316**; AU 2011227321 A 20110316; BR 112012023447 A 20110316; CA 2793370 A 20110316; CN 201180024198 A 20110316; EP 11710627 A 20110316; JP 2013500176 A 20110316; MX 2012010697 A 20110316; RU 2012144051 A 20110316; SG 2012068227 A 20110316; US 201113635281 A 20110316; ZA 201207757 A 20121016