

Title (en)
THERMAL CONTAINMENT SYSTEM PROVIDING TEMPERATURE MAINTAINING SHIPPING PACKAGE WITH SEGMENTED FLEXIBLE PCM PANELS

Title (de)
WÄRMEDÄMMUNGSSYSTEM MIT TEMPERATUBEWAHRENDER VERSANDPACKUNG MIT SEGMENTIERTEN FLEXIBLEN PCM-PLATTEN

Title (fr)
SYSTÈME DE CONFINEMENT THERMIQUE FOURNISSANT UN EMBALLAGE D'EXPÉDITION À TEMPÉRATURE CONSTANTE À PANNEAUX PCM SOUPLES ET SEGMENTÉS

Publication
EP 2429921 A1 20120321 (EN)

Application
EP 10775576 A 20100513

Priority
• US 2010034817 W 20100513
• US 17799809 P 20090513

Abstract (en)
[origin: WO2010132726A1] A packaging system having an outer container and a segment panel defining a plurality of phase change material (PCM) segments, with said segments being aligned with sides of the outer container interior upon wrapping around a payload and insertion into the outer container. The segmented panels may include edge tapers which facilitate the wrapping process with adjacent edge tapers being brought together during the wrapping process. A method of packaging using PCM-containing segments which are wrapped around a portion of a payload is also disclosed.

IPC 8 full level
B65D 81/38 (2006.01)

CPC (source: EP US)
B65D 81/3823 (2013.01 - EP US); **F25D 3/08** (2013.01 - EP US); **F28D 20/02** (2013.01 - EP US); **F25D 2303/08222** (2013.01 - EP US); **F25D 2303/0843** (2013.01 - EP US); **F25D 2303/0844** (2013.01 - EP US); **F25D 2303/0845** (2013.01 - EP US); **F25D 2303/085** (2013.01 - EP US); **F28D 2020/0008** (2013.01 - EP US); **Y02E 60/14** (2013.01 - EP US)

Citation (search report)
See references of WO 2010132726A1

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 SE SI SK SM TR

DOCDB simple family (publication)
WO 2010132726 A1 20101118; EP 2429921 A1 20120321; US 2010314397 A1 20101216

DOCDB simple family (application)
US 2010034817 W 20100513; EP 10775576 A 20100513; US 77991210 A 20100513