

Title (en)

Passive thermally regulated knockdown shipping container

Title (de)

Passiv wärmeregulierter zerlegbarer Versandcontainer

Title (fr)

Régulation thermique passif de conteneur d'expédition démontable

Publication

EP 2634110 A2 20130904 (EN)

Application

EP 13157344 A 20130301

Priority

US 201213410494 A 20120302

Abstract (en)

A stackable, passive thermally regulated, knockdown shipping container. The container includes (i) a pair of separate and independent interchangeable end panels, each carrying a detachable panel of fragile thermal insulation, and (ii) a plurality of separate and independent sidewall components each having at least two hingedly interconnected structural panels which carry a detachable panel of fragile thermal insulation. The end panels are each configured and arranged with (a) an external set of projections operable for stably supporting the container on a planar surface, and (b) an external set of depressions. The depressions are configured and arranged such that each projection on the panel, if inverted, would nest within a corresponding depression on the panel upon rotation of the inverted set of projections a defined angular distance about a longitudinal axis of the container relative to the set of depressions.

IPC 8 full level

B65D 6/24 (2006.01); **B65D 21/02** (2006.01); **B65D 81/38** (2006.01)

CPC (source: EP US)

B65D 11/1893 (2013.01 - EP US); **B65D 21/0223** (2013.01 - EP US); **B65D 81/3862** (2013.01 - EP US)

Cited by

US2018274843A1; GB2536407A; GB2536407B; WO2017096171A1; WO2019054962A3

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2634110 A2 20130904; **EP 2634110 A3 20140108**; **EP 2634110 B1 20150429**; CA 2807794 A1 20130902; CA 2807794 C 20160412; US 2013228583 A1 20130905

DOCDB simple family (application)

EP 13157344 A 20130301; CA 2807794 A 20130220; US 201213410494 A 20120302