

Title (en)

Insulated cup and method for manufacturing an insulated cup

Title (de)

Isolierbecher und Verfahren zum Herstellen eines Isolierbechers

Title (fr)

Récipient isolant et procédé de fabrication d'un récipient isolant

Publication

EP 2727856 A3 20140723 (DE)

Application

EP 13186906 A 20131001

Priority

DE 102012220112 A 20121105

Abstract (en)

[origin: EP2727856A2] The insulating cup (12,14) has a liquid-tight inner cup (16) and an outer sleeve (18) enveloping the inner cup in sections. The outer sleeve comprises a blank made of a paper material and a two-dimensional insulating material applied on the paper material. The two-dimensional insulating material is applied only on a partial area of the blank, where an overlapping area (20) of the blank, in which the outer sleeve has a material thickness twice the thickness of the paper material, is not provided with the insulating material. An independent claim is included for a method for manufacturing an insulating cup.

IPC 8 full level

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

CPC (source: EP US)

B65D 21/0233 (2013.01 - EP US); **B65D 81/3869** (2013.01 - EP US); **B65D 81/3874** (2013.01 - EP US); **B65D 81/3876** (2013.01 - US);
B31B 50/28 (2017.07 - EP US); **B31B 2105/00** (2017.07 - EP US); **B31B 2105/0022** (2017.07 - EP US); **B31B 2110/10** (2017.07 - EP US);
B31B 2110/20 (2017.07 - EP US); **B31B 2120/50** (2017.07 - EP US)

Citation (search report)

- [XAY] US 2006144915 A1 20060706 - SADLIER CLAUS E [US]
- [XA] US 2008041860 A1 20080221 - WIEDMEYER WARREN G [US], et al
- [XA] US 6196454 B1 20010306 - SADLIER CLAUS E [US]
- [YA] US 7856793 B2 20101228 - DART ROBERT C [KY], et al
- [YA] US 2007000931 A1 20070104 - HARTJES TIMOTHY P [US], et al
- [A] US 2012251719 A1 20121004 - CHANG SHENG-SHU [TW], et al
- [A] US 2009218390 A1 20090903 - CHANG HSI-CHING [TW]
- [A] EP 1939099 A1 20080702 - WEYERHAEUSER CO [US]
- [A] DE 10219682 A1 20031113 - KAPPA HERZBERGER WELLAPPPE GMB [DE]

Cited by

EP4039610A1; WO2015179925A1

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 2727856 A2 20140507; EP 2727856 A3 20140723; EP 2727856 B1 20161207; DE 102012220112 A1 20140522;
US 2014124518 A1 20140508

DOCDB simple family (application)

EP 13186906 A 20131001; DE 102012220112 A 20121105; US 201314068026 A 20131031