

Title (en)

Container made of a paper material and device for producing a container made of a paper material

Title (de)

Becher aus Papiermaterial und Verfahren und Vorrichtung zum Herstellen eines Bechers aus Papiermaterial

Title (fr)

Gobelet en papier et procédé et dispositif de fabrication d'un gobelet en papier

Publication

**EP 2540636 B1 20161012 (DE)**

Application

**EP 12171943 A 20120614**

Priority

DE 102011078363 A 20110629

Abstract (en)

[origin: EP2540636A1] The cup (10) has a filling inner space that is formed by a conical cladding portion (12) and a bottom portion (16). The bottom portion in the region of lower end of inner space is connected to a casing in fluid-tight manner. The cladding portion is formed from a flat blank. The front ends of cladding portion are connected in an overlapping region (20). The cladding portion is provided with inner space in which molding portion (18) is formed along the circumferential direction. The molding portion is formed in the overlapping region. Independent claims are included for the following: (1) a method for manufacturing paper cup; and (2) a device for manufacturing paper cup.

IPC 8 full level

**B65D 3/06** (2006.01); **B31B 17/00** (2006.01); **B65D 21/02** (2006.01)

CPC (source: EP US)

**B31D 5/0086** (2013.01 - US); **B65D 3/06** (2013.01 - EP US); **B65D 21/0233** (2013.01 - EP US); **B31B 50/60** (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); **B65D 3/14** (2013.01 - 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 2540636 A1 20130102; EP 2540636 B1 20161012;** AU 2012203271 A1 20130117; AU 2012203271 B2 20151224;  
BR 102012016056 A2 20130702; BR 102012016056 B1 20200331; CN 102849289 A 20130102; CN 102849289 B 20151118;  
DE 102011078363 A1 20130103; PL 2540636 T3 20170630; US 2013001287 A1 20130103; US 2015290898 A1 20151015;  
US 9096341 B2 20150804; US 9409373 B2 20160809

DOCDB simple family (application)

**EP 12171943 A 20120614;** AU 2012203271 A 20120601; BR 102012016056 A 20120628; CN 201210219355 A 20120628;  
DE 102011078363 A 20110629; PL 12171943 T 20120614; US 201213536144 A 20120628; US 201514747654 A 20150623