

Title (en)

INNER CONTAINER MADE OF PLASTIC AND TRANSPORT AND STORAGE CONTAINER FOR LIQUIDS HAVING SUCH AN INNER CONTAINER

Title (de)

INNENBEHÄLTER AUS KUNSTSTOFF SOWIE TRANSPORT- UND LAGERBEHÄLTER FÜR FLÜSSIGKEITEN MIT EINEM DERARTIGEN INNENBEHÄLTER

Title (fr)

RÉCIPIENT INTÉRIEUR EN MATIÈRE PLASTIQUE AINSI QUE RÉCIPIENT DE TRANSPORT ET DE STOCKAGE DE LIQUIDE MUNI DUDIT RÉCIPIENT INTÉRIEUR

Publication

**EP 3016884 B1 20170614 (DE)**

Application

**EP 14747529 A 20140703**

Priority

- DE 102013213167 A 20130704
- EP 2014064235 W 20140703

Abstract (en)

[origin: WO2015001042A1] The invention relates to an inner container (25) made of plastic for transporting and storing liquids. The inner container comprises a filling opening (41) for filling the inner container in an upper base wall (33), an outlet stub (40) for connecting an outlet fitting on a front side, and a lower base wall (28) for supporting the inner container on a pallet base (26) of a transport pallet (21), which transport pallet is provided with an outer jacket (24) for accommodating the inner container. The lower base wall (28) connects two side walls (30, 31), a rear wall (32), and a front wall (29) of the inner container to each other. The outlet stub is arranged on a funnel bottom (39) of an outlet funnel (34), which outlet funnel is formed in the lower base wall. The outlet funnel comprises a front funnel wall (35), which has the outlet stub, and two lateral funnel walls (36, 37). The two lateral funnel walls are arranged in a V shape with respect to each other and at a funnel angle  $\alpha$  with respect to the horizontal and each extend from a keel-shaped funnel base (38) to a lower edge (46, 47) of a side wall. A keel line (63) of the keel-shaped funnel base rises from the outlet stub arranged below the front wall to the rear wall at a funnel angle  $\beta$  with respect to the horizontal.

IPC 8 full level

**B65D 77/04** (2006.01); **B01F 23/00** (2022.01)

CPC (source: EP US)

**B01F 23/023** (2022.01 - EP); **B01F 27/112** (2022.01 - US); **B01F 27/1151** (2022.01 - EP US); **B01F 27/25** (2022.01 - US); **B65D 1/20** (2013.01 - US); **B65D 77/0466** (2013.01 - EP US); **B65D 88/28** (2013.01 - US); **B65D 90/12** (2013.01 - US); **B01F 23/023** (2022.01 - 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)

**WO 2015001042 A1 20150108**; AR 096804 A1 20160203; CN 105358446 A 20160224; CN 105358446 B 20180417; DE 102013213167 A1 20150122; EP 3016884 A1 20160511; EP 3016884 B1 20170614; ES 2637477 T3 20171013; PL 3016884 T3 20171130; US 10773871 B2 20200915; US 2016368684 A1 20161222

DOCDB simple family (application)

**EP 2014064235 W 20140703**; AR P140102485 A 20140703; CN 201480038441 A 20140703; DE 102013213167 A 20130704; EP 14747529 A 20140703; ES 14747529 T 20140703; PL 14747529 T 20140703; US 201414898962 A 20140703