

Title (en)

PACKAGING SYSTEM COMPRISING A TRAY-TYPE CARTON STRUCTURE

Title (de)

VERPACKUNGSSYSTEM UMFASSEND EINE KARTONSTRUKTUR

Title (fr)

SYSTEME DE CONDITIONNEMENT AVEC BARQUETTE D'EMBALLAGE EN CARTON

Publication

**EP 2984001 A1 20160217 (DE)**

Application

**EP 14711156 A 20140318**

Priority

- DE 102013006309 A 20130412
- EP 2014000727 W 20140318

Abstract (en)

[origin: CA2907790A1] The present invention relates to a packaging system comprising a packaging trough (1) and a packaging element (8) separate therefrom for closing the trough, in which system the packaging trough has an outer cardboard structure folded or formed from corrugated board with an insert (6) of a single or multiple-layer plastic film, wherein the inner side of each side wall of said cardboard structure is connected by material means to the insert only in its upper part of the side wall, preferably no higher than the upper edge thereof, the insert forming a substantially identically shaped, but loose contact surface with the lower part of the inner side of each side wall down to the base of the packaging trough and said trough having at least one, preferably a plurality of gas venting openings (2) arranged at regular intervals around the cardboard structure at least in the base area.

IPC 8 full level

**B65D 85/72** (2006.01); **B65D 5/60** (2006.01); **B65D 85/76** (2006.01)

CPC (source: EP US)

**B31B 50/81** (2017.07 - EP US); **B65B 61/20** (2013.01 - US); **B65D 5/20** (2013.01 - US); **B65D 5/603** (2013.01 - EP US); **B65D 25/02** (2013.01 - US); **B65D 85/72** (2013.01 - EP US); **B65D 85/76** (2013.01 - EP US); **B31B 2105/00** (2017.07 - EP US); **B31B 2105/0024** (2017.07 - EP US); **B31B 2110/10** (2017.07 - EP US); **B31B 2120/404** (2017.07 - EP US)

Citation (search report)

See references of WO 2014166578A1

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)

**DE 102013006309 A1 20141016**; **DE 102013006309 B4 20151022**; AU 2014252397 A1 20151015; AU 2014252397 B2 20170817; CA 2907790 A1 20141016; CA 2907790 C 20210202; DK 2984001 T3 20170619; EP 2984001 A1 20160217; EP 2984001 B1 20170301; ES 2626972 T3 20170726; PL 2984001 T3 20170831; US 11225353 B2 20220118; US 2016016685 A1 20160121; WO 2014166578 A1 20141016

DOCDB simple family (application)

**DE 102013006309 A 20130412**; AU 2014252397 A 20140318; CA 2907790 A 20140318; DK 14711156 T 20140318; EP 14711156 A 20140318; EP 2014000727 W 20140318; ES 14711156 T 20140318; PL 14711156 T 20140318; US 201514869026 A 20150929