

Title (en)

CARTON WITH VENT OPENINGS

Title (de)

KARTON MIT LÜFTUNGSÖFFNUNGEN

Title (fr)

CARTON MUNI D'OUVERTURES DE VENTILATION

Publication

**EP 2013094 A2 20090114 (EN)**

Application

**EP 07794525 A 20070503**

Priority

- US 2007010773 W 20070503
- US 79750806 P 20060504

Abstract (en)

[origin: WO2007130538A2] A blank and/or carton that provide(s) at least one aperture in at least one end flap to allow exchange of air between an inside of a carton formed from the blank and the outside of the formed carton is provided. The blank and/or carton can include more than one aperture in an end flap, in adjacent end flaps, in end flaps at both ends of the blank or carton, in end flaps at either the exiting end of the carton, the non-exiting end, or both. A method of exchanging air is also described.

IPC 8 full level

**B65D 5/42** (2006.01); **B65D 5/54** (2006.01)

CPC (source: EP US)

**B65D 5/4295** (2013.01 - EP US); **B65D 5/5445** (2013.01 - EP US); **B65D 2571/00141** (2013.01 - EP US); **B65D 2571/00574** (2013.01 - EP US); **B65D 2571/0066** (2013.01 - EP US)

Citation (search report)

See references of WO 2007130538A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

**WO 2007130538 A2 20071115; WO 2007130538 A3 20080124;** AT E481328 T1 20101015; AU 2007248577 A1 20071115;  
AU 2007248577 B2 20110428; BR PI0709857 A2 20110726; CA 2650925 A1 20071115; CA 2650925 C 20110705; CN 101479156 A 20090708;  
CN 101479156 B 20111005; DE 602007009212 D1 20101028; EP 2013094 A2 20090114; EP 2013094 B1 20100915;  
JP 2009535273 A 20091001; JP 5028478 B2 20120919; MX 2008013927 A 20081112; NZ 572394 A 20110930; US 2007257096 A1 20071108

DOCDB simple family (application)

**US 2007010773 W 20070503;** AT 07794525 T 20070503; AU 2007248577 A 20070503; BR PI0709857 A 20070503; CA 2650925 A 20070503;  
CN 200780023740 A 20070503; DE 602007009212 T 20070503; EP 07794525 A 20070503; JP 2009509722 A 20070503;  
MX 2008013927 A 20070503; NZ 57239407 A 20070503; US 74373607 A 20070503