

Title (en)

Three-dimensional containers provided with relief decorations and a production method for such containers

Title (de)

Dreidimensionale Behälter, die mit Reliefverzierungen versehen sind, und Produktionsverfahren für solche Behälter

Title (fr)

Récipients tridimensionnels équipés de décorations en relief et procédé de production de ces récipients

Publication

EP 2093152 A1 20090826 (EN)

Application

EP 09152806 A 20090213

Priority

IT VE20080012 A 20080214

Abstract (en)

A three-dimensional container characterised by consisting of papery material having a degree of plastic yielding, in all directions, of not less than 5%, and comprising on at least one portion of its lateral surface at least one three-dimensional plastic deformation.

IPC 8 full level

B65D 33/00 (2006.01)

CPC (source: EP US)

B65D 33/004 (2013.01 - EP US); **B31B 70/88** (2017.07 - EP); **B31B 2155/00** (2017.07 - EP US); **B31B 2160/20** (2017.07 - EP US); **B31F 2201/0702** (2013.01 - EP); **B31F 2201/0733** (2013.01 - EP)

Citation (search report)

- [XY] US 1793163 A 19310217 - DEUBENER WALTER H
- [Y] EP 1798025 A1 20070620 - IMP TOBACCO R Y O B V [NL]
- [A] EP 1785363 A1 20070516 - AUTOBAR FLEXIBLE PACKAGING [FR]

Cited by

EP2347968A1; EP2565131A1; EP2942189A1; DE102014006815A1; CN105992734A; JP2017505266A; WO2015117954A3

Designated contracting state (EPC)

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 SE SI SK TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

EP 2093152 A1 20090826; **EP 2093152 B1 20120118**; AT E541794 T1 20120215; ES 2379213 T3 20120423; IT VE20080012 A1 20090815; PL 2093152 T3 20120629

DOCDB simple family (application)

EP 09152806 A 20090213; AT 09152806 T 20090213; ES 09152806 T 20090213; IT VE20080012 A 20080214; PL 09152806 T 20090213