

Title (en)

TAMPER-PROOF CLOSURE FOR A PLASTIC CONTAINER FOR ACCOMMODATING FOOD

Title (de)

ORIGINALITÄTSSICHERUNG BEI EINEM KUNSTSTOFFBEHÄLTER ZUR AUFNAHME VON LEBENSMITTELN

Title (fr)

FERMETURE INVOLABLE POUR UN RECIPIENT EN MATIERE PLASTIQUE DESTINE A CONTENIR DES DENREES ALIMENTAIRES

Publication

EP 2437982 A1 20120411 (DE)

Application

EP 10722702 A 20100602

Priority

- EP 2010057729 W 20100602
- DE 102009026795 A 20090605

Abstract (en)

[origin: WO2010139737A1] The invention relates to a method for producing a tamper-proof closure for a plastic container for holding food, comprising the following steps: placing the lid (5, 5') onto the filled container (1, 1') so that the lid locks with the container (1, 1'), wherein a second lid-side web (7, 7') overlaps a first container-side web (2, 2'), laying the container (1, 1') with a bottom side of the first web (2, 2') onto an annular anvil, and welding the first web (2, 2') to the second web (7, 7') by means of ultrasound in an ultrasonic welding apparatus.

IPC 8 full level

B65B 7/28 (2006.01); **B65B 51/22** (2006.01); **B65D 43/02** (2006.01)

CPC (source: EP)

B65B 7/2878 (2013.01); **B65B 51/225** (2013.01); **B65D 43/0206** (2013.01); **B65D 2543/00092** (2013.01); **B65D 2543/00296** (2013.01); **B65D 2543/00425** (2013.01); **B65D 2543/00462** (2013.01); **B65D 2543/00629** (2013.01); **B65D 2543/00685** (2013.01); **B65D 2543/0074** (2013.01); **B65D 2543/00796** (2013.01); **B65D 2543/00833** (2013.01)

Citation (search report)

See references of WO 2010139737A1

Cited by

US9834340B2; US9994369B2

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 SE SI SK SM TR

DOCDB simple family (publication)

DE 102009026795 A1 20101209; EP 2437982 A1 20120411; EP 2437982 B1 20140108; WO 2010139737 A1 20101209; WO 2010139737 A4 20110127

DOCDB simple family (application)

DE 102009026795 A 20090605; EP 10722702 A 20100602; EP 2010057729 W 20100602