

Title (en)

STACKABLE END FOR A CONTAINER AND STACKABLE CONTAINER WITH THE END

Title (de)

STAPELBARES ENDSTÜCK FÜR EINEN BEHÄLTER UND STAPELBARER BEHÄLTER MIT DEM ENDSTÜCK

Title (fr)

EXTRÉMITÉ EMPILABLE POUR RÉCIPIENT ET RÉCIPIENT EMPILABLE AVEC L'EXTRÉMITÉ

Publication

EP 3733543 A1 20201104 (EN)

Application

EP 19177087 A 20190528

Priority

EP 19172575 A 20190503

Abstract (en)

The invention relates to an end for a container. The end (200a ...) comprises a central panel (212a ...), a tab (240a ...), at least one stabilizing bead (213a ...) and a depression (214a ...). The central panel (212a ...) defines an x-y-plane and a z-direction is perpendicular to the x-y-plane. The tab (240a ...) is attached to the end (200a ...) and the tab (240a ...) comprises a front portion (241a ...) and a rear portion (242a ...). The tab (240a ...) extends in a positive z-direction. The at least one stabilizing bead (213a ...) is shaped in the end (200a ...) and the bead (213a ...) extends in the positive z-direction. The depression (214a ...) is formed in the end (200a ...) and the depression (214a ...) extends in a negative z-direction. The depression (214a ...) is shaped and positioned to allow a human finger to reach at least in part below the rear portion (242a ...) of the tab (240a ...). The tab (240a ...), the bead (213a ...) and the depression (214a ...) are shaped and positioned such that the end (200a ...) as a first end (200a ...) is stackable with a second end (200b ...), wherein the x-y-planes of the central panels (212a,212b ...) of the first and second end (200a,200b ...) are parallel $\pm 2.0^\circ$ when being stacked, and wherein the first end (200a, ...) and the second end (200b ...) are same ends (200a,200b ...).

IPC 8 full level

B65D 17/28 (2006.01)

CPC (source: EP)

B65D 17/4011 (2018.01); **B65D 17/4012** (2018.01); **B65D 2517/0013** (2013.01); **B65D 2517/0014** (2013.01); **B65D 2517/0016** (2013.01);
B65D 2517/007 (2013.01); **B65D 2517/0071** (2013.01); **B65D 2517/0079** (2013.01)

Citation (search report)

- [XI] EP 2149502 A1 20100203 - IMPRESS GROUP BV [NL]
- [XI] CA 967898 A 19750520 - AMERICAN CAN CO
- [A] WO 2010130820 A1 20101118 - CROWN PACKAGING TECHNOLOGY INC [US], et al

Cited by

IT202000026527A1; EP4001152A1; IT202000026909A1

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)

EP 3733543 A1 20201104; EP 3962823 A1 20220309; EP 3962823 B1 20240424; WO 2020225671 A1 20201112

DOCDB simple family (application)

EP 19177087 A 20190528; EP 20730102 A 20200430; IB 2020054101 W 20200430