

Title (en)

Method and apparatus for the manufacture of a can end.

Title (de)

Verfahren und Vorrichtung zur Herstellung eines Dosendeckels.

Title (fr)

Procédé et dispositif pour la fabrication d'une extrémité de boîte.

Publication

**EP 2768741 A1 20140827 (EN)**

Application

**EP 12778297 A 20121019**

Priority

- GB 201118284 A 20111021
- EP 2012070756 W 20121019

Abstract (en)

[origin: WO2013057250A1] There is disclosed herein a can end (10) for a can for pressurized contents, the can end being configured to be joined by a peripheral annular joining portion (24,26) to one axial end of a can body of the can and having an outer side arranged to face outwardly from the can and an inner side arranged to face inwardly into the can, the can end comprising: a central panel (18); a panel wall (20) annularly surrounding the central panel and extending axially inwardly and radially outwardly from the central panel; an annular chuck wall structure (12, 14, 50) extending radially- and axially-inwardly from the joining portion; and an annular bead (16) which is connected between a radially outer edge (38) of the panel wall and a radially inner edge (50e) of the chuck wall structure and which is concave with respect to the outer side of the can end and extends at least partially radially outwardly with respect to the radially inner edge of the chuck wall structure, wherein wall portions adjacent inner and outer ends of the concave annular bead (16) form a bead mouth (m) that is open towards the outer side of the can end.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2013057250A1

Cited by

USD968893S; USD1012617S; USD950318S; USD953811S; US11370579B2; USD906056S; USD962710S; USD974845S; USD978618S; USD903424S; US10875076B2

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