

Publication

EP 0644122 A3 19950412

Application

EP 94500146 A 19940826

Priority

ES 9302420 U 19930909

Abstract (en)

[origin: EP0644122A2] This invention refers to an anti-bending stepping system for metallic containers (1) which can be applied to all kind of metallic containers of a shape that can be either trunco-pyramidal, parallelepipedic, elliptical or similar to correct the usual bending produced when the body of the container (1) is expanded, and it comprises two or more steps (3) on certain areas of the side wall of the body of the container, the number of steps and their depth depending on the size of the relevant deformation causing the bending (2). It has been foreseen that the steps are parallel to the base to absorb the excess material originated during the manufacturing expansion stage of the container itself.

IPC 1-7

B65D 1/14; **B21D 51/26**; **B21D 22/18**

IPC 8 full level

B21D 51/26 (2006.01); **B65D 1/22** (2006.01)

CPC (source: EP)

B21D 51/26 (2013.01); **B65D 1/22** (2013.01)

Citation (search report)

- [A] DE 2539354 A1 19770310 - BOSCH GMBH ROBERT
- [A] WO 8203576 A1 19821028 - METAL BOX PLC [GB], et al

Designated contracting state (EPC)

FR GB

DOCDB simple family (publication)

EP 0644122 A2 19950322; **EP 0644122 A3 19950412**; **EP 0644122 B1 19980506**; ES 1025699 U 19940116; ES 1025699 Y 19940716

DOCDB simple family (application)

EP 94500146 A 19940826; ES 9302420 U 19930909