

Title (en)
Closeable sheet metal container

Title (de)
Verschliessbarer Behälter aus Blech

Title (fr)
Récipient fermable en tôle

Publication
EP 0565762 B1 19960131 (DE)

Application
EP 92106596 A 19920416

Priority
EP 92106596 A 19920416

Abstract (en)
[origin: EP0565762A1] A closable sheet-metal container, for example a bucket or hobbock, whose body is provided at its open edge with a body border designed as a spiral border with a wrapping angle of more than 360 DEG , preferably 450 DEG , and which can be closed by a lid provided with an edge beading, the edge being pressed against the body border by means of a clamping ring when the container is closed, and the body border (2) being folded by calibration with a predetermined roller engagement up to contact of the spiral end (3) against the spiral winding until it reaches a shape initially approximated to a triangular shape. The shape of the lid edge (4) and its beading (5) are matched to the body border (2) in such a way that the beading (5) lies in the plane of the largest diameter of the body border (2) after application of the clamping ring (6) giving due regard to the inserted seal (8). The container is produced in that the regular spiral border (2) which is known per se is calibrated by means of a circulating roller (11) having a fixed engagement angle from the underside until it reaches an initially approximately triangular shape in which the spiral forms, in its end region, a loop (16) supported on three circumferential lines (13, 14, 15) with two substantially flat annular surfaces (17, 18).
<IMAGE>

IPC 1-7
B65D 8/04; **B65D 8/08**; **B21D 19/12**; **B21D 51/26**; **B65D 45/30**

IPC 8 full level
B21D 51/26 (2006.01); **B65D 8/02** (2006.01); **B65D 8/08** (2006.01); **B65D 45/30** (2006.01)

CPC (source: EP)
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Cited by
DE19827351A1; DE19718014A1; CN108246859A; DE10030680A1; DE10030680C2; EP1167222A3; EP1167222A2; EP3439810A1

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