

Title (en)

Clamping ring for sheet metal container having a lid.

Title (de)

Spannringverschluss für Behälter aus Blech, wie Eimer, Hobbock oder dgl., mit einem Eindrückdeckel.

Title (fr)

Anneau de presse pour conteneur en tôle ayant un couvercle.

Publication

EP 0410141 B1 19931027 (DE)

Application

EP 90111844 A 19900622

Priority

DE 3924594 A 19890725

Abstract (en)

[origin: EP0410141A1] A clamping ring closure (15) for sheet metal containers, such as pails or buckets or the like, is provided, in which the edge of the container and the edge flange of the lid are pressed firmly against one another and in a sealing manner with interposition of a seal with the aid of a slotted clamping ring (15), specifically with the aid of a toggle lever-type closure. The circumferential ends (15a) of the clamping ring are retained securely against lateral deflection and guided by a profiled part, matched to the trapezoidal profile of the clamping ring, in the form of an elongate bridging piece (20). The clamping lever (22) is constructed and arranged in such a way that, in the closed position of the closure, it grips over and secures the bridging piece (20) from the outside over its entire length with the ends of the clamping ring (15a, 15b), accommodated therein, with tight profile matching. <IMAGE>

IPC 1-7

B65D 45/30

IPC 8 full level

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CPC (source: EP)

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Cited by

EP1084961A3; EP1028066A2; EP3848299A1

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EP 0410141 A1 19910130; EP 0410141 B1 19931027; AT E96394 T1 19931115; DD 295600 A5 19911107; DE 3924594 A1 19910207; DE 3924594 C2 19920116; DE 59003204 D1 19931202; DK 0410141 T3 19940228

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EP 90111844 A 19900622; AT 90111844 T 19900622; DD 34303690 A 19900724; DE 3924594 A 19890725; DE 59003204 T 19900622; DK 90111844 T 19900622