

Title (en)

APPARATUS FOR CLOSING BOXES UNDER VACUUM WITH A LID

Publication

**EP 0019646 B1 19830223 (DE)**

Application

**EP 79101660 A 19790530**

Priority

EP 79101660 A 19790530

Abstract (en)

[origin: EP0019646A1] 1. Apparatus for the vacuum sealing of cans (7, 7'), comprising a cover (8, 8'), the apparatus having a plate (13, 33) which can be moved upwards by means of a lifting device towards a fixed evacuable bell (14, 36) and which serves to receive a can (7, 7') already provided with a loosely mounted cover (8, 8'), there being provided a device for lifting the cover (8, 8') clear of the can (7, 7'), characterised in that the device for lifting the cover (8, 8') clear of the can (7, 7') comprises an adjusting piston (20) which can be subjected to a pressure medium and which is guided in an adjusting cylinder (18), and that reducers or reducing adapters (52, 53), which are adapted to different can sizes, can be detachably fitted or fixed on this adjusting piston (20), on the one hand, and on the inner wall of the bell (14), on the other hand.

IPC 1-7

**B65B 31/02**

IPC 8 full level

**B65B 31/02** (2006.01)

CPC (source: EP)

**B65B 31/025** (2013.01)

Citation (examination)

DE 2636003 A1 19780216 - SCHWERDTEL LUDWIG GMBH

Cited by

IT201900017153A1; CN105151379A; EP0147890A1; FR2829106A1; EP0315237A1; US5081820A; AU614552B2; EP0685396A1; WO03018405A1; WO2021059180A1; EP3111777A1; US10815018B2; WO03018430A1; EP3189737A1

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