

Title (en)  
PRESS FOR COMPRESSING BEVERAGE CANS

Publication  
**EP 0222734 A3 19890215 (DE)**

Application  
**EP 86890300 A 19861105**

Priority  
AT 318385 A 19851105

Abstract (en)  
[origin: EP0222734A2] A press 3 for compacting beverage cans, with an eccentric introduction of force into the empty beverage can to overcome its dimensional stability, comprises a press plunger 4 which is displaceable up against a press platen 25. The press plunger is connected rigidly to a piston rod which is connected via an angle lever 5 to a tension rod 8 and also to a foot lever 9. The press 3 is fastened to a holding shackle 2 which bridges a container 1 and which is pivotable upwards in the same way as a container lid 18. The filling shaft 6 of the press 3 is closed by a filling-shaft flap 7 which, during filling, swings into the filling shaft and temporarily blocks the press plunger 4 and which releases the press plunger 4 again only when it swings back into the initial position (closing position of the filling shaft). <IMAGE>

IPC 1-7  
**B30B 9/32**; **B30B 1/04**

IPC 8 full level  
**B30B 1/04** (2006.01); **B30B 9/32** (2006.01)

CPC (source: EP)  
**B30B 1/04** (2013.01); **B30B 9/321** (2013.01)

Citation (search report)  
• [YD] US 4213387 A 19800722 - BOCKSRUKER RONALD W [US], et al  
• [Y] DE 2826207 A1 19791220 - KLAWE HARALD  
• [Y] US 3776129 A 19731204 - CARLSON D  
• [Y] US 2603271 A 19520715  
• [Y] US 2737995 A 19560313 - JENNINGS JAMES C  
• [Y] PATENT ABSTRACTS OF JAPAN, Band 8, Nr. 234 (M-334)[1671], 26. Oktober 1984; & JP-A-59 114 000 (HIDEO KAWAI) 30-06-1984  
• [Y] PATENT ABSTRACTS OF JAPAN, Band 6, Nr. 196 (M-161)[1074], 5. Oktober 1982; & JP-A-57 103 798 ( KOUICHI HITSUOKA) 28-06-1982

Cited by  
US5941167A; DE4024048A1; DE4024048C2; GB2245209A; GB2245209B

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