

Title (en)
Closing of bucket shaped container

Title (de)
Verschliessen von eimerförmigen Behältern

Title (fr)
Fermeture d'un récipient en forme de seau

Publication
EP 1028066 A3 20041124 (DE)

Application
EP 00102570 A 20000207

Priority
• DE 19904780 A 19990207
• DE 29916175 U 19990914

Abstract (en)
[origin: EP1028066A2] The machine closes e.g. hobbicks (1,2,3,4) using lids (10) locked by clamping rings. It has a conveyor (8) to move open containers in a line (9) into a lid placing section (B) with magazine (C) for lids and clamping ring closures. An advance unit (21) moves a lid from the magazine and places it on the container opening, and then places a clamping ring (S) with closure (V) on it. The machine has a closure section (D,E,F) behind the lid placing section, with a unit (31) to align lid and closure. Another unit presses the lid into the upper edge of the container, and then closes the clamping ring around the container edge.

IPC 1-7
B65D 45/34; **B65D 55/08**; **B65B 7/28**

IPC 8 full level
B65B 7/28 (2006.01); **B65D 45/34** (2006.01)

CPC (source: EP)
B65B 7/2842 (2013.01); **B65D 45/345** (2013.01)

Citation (search report)
• [XY] US 5758469 A 19980602 - GEORGE MICHAEL JOHN [AU]
• [YA] EP 0618135 A1 19941005 - FAIM ITALIA SRL [IT]
• [Y] US 5048259 A 19910917 - COX SIEGFRIED [DE], et al
• [A] US 5438814 A 19950808 - LOVETT DAVID E [US], et al

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EP2524873A1; EP1688361A1; DE10109632B4; AT12826U1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

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EP 1028066 A2 20000816; **EP 1028066 A3 20041124**; DE 10005299 A1 20010125

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