

Title (en)

IMPROVEMENTS TO AUTOMATIC MACHINES FEEDING SMALL WIRE CAGES FOR SEALING STOPPERS APPLIED TO SPARKLING WINE BOTTLES AND THE LIKE

Publication

EP 0036585 A3 19811209 (EN)

Application

EP 81101870 A 19810313

Priority

IT 6746280 A 19800326

Abstract (en)

[origin: EP0036585A2] The machine comprises a unit (10) for extracting cages from a stacked supply including two volute rollers (12, 13) which engage the bottom ring of each cage to cause an axial displacement of the latter and means of transferring the extracted cages to sockets (23) in a conveyor chain (24), comprising a plurality of buckets (21) subjected to controlled motion components which halt each bucket (21) temporarily at the extraction unit (10) to receive the cage and displace the bucket (21) in perpendicular alignment with each socket (23) in the chain (24), the buckets (21) being then subjected to the action of means (27, 33, 34, 35, 36, 37) which produce axial displacement serving for picking up and respectively depositing the cages.

IPC 1-7

B67B 5/06; **B67B 3/062**

IPC 8 full level

B67B 3/062 (2006.01); **B67B 5/06** (2006.01)

CPC (source: EP)

B67B 5/06 (2013.01)

Citation (search report)

- [X] FR 2256897 A1 19750801 - CLISALU STE [FR]
- FR 1548315 A 19681206
- US 2659522 A 19531117 - NINNEMAN ERIC O, et al

Cited by

DE3539932A1; EP1944102A1

Designated contracting state (EPC)

AT BE DE FR

DOCDB simple family (publication)

EP 0036585 A2 19810930; **EP 0036585 A3 19811209**; **EP 0036585 B1 19851211**; AT E16918 T1 19851215; DE 3173170 D1 19860123; ES 501093 A0 19820616; ES 8205505 A1 19820616; IT 1128242 B 19860528; IT 8067462 A0 19800326

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EP 81101870 A 19810313; AT 81101870 T 19810313; DE 3173170 T 19810313; ES 501093 A 19810318; IT 6746280 A 19800326