

Title (en)
Sealing cap installing machine

Title (de)
Vorrichtung zum Anbringen von Verschlusskappen

Title (fr)
Machine pour appliquer des bouchons d'étanchéités

Publication
EP 0919516 A3 20020724 (EN)

Application
EP 98500244 A 19981111

Priority
ES 9702474 A 19971127

Abstract (en)
[origin: EP0919516A2] Machine for installing sealing caps, particularly caps for protecting the outlet valve of containers holding gas under pressure, the sealing caps proceeding down towards the lower end of a feed channel (3), where they are pushed upwardly by a cylinder (2) in order to insert them in a lower lodging (6, 6') of a respective cylinder (5, 5') comprised in a group liable to rotate along a horizontal plane when driven by an actuator (4) for the purpose of transferring the collected cap to a position where it is applied onto the container (7), which is retained in said position through a brake (8). <IMAGE>

IPC 1-7
B67B 3/064; B67B 5/03; B67B 3/20; F17C 5/00

IPC 8 full level
B67B 3/062 (2006.01)

CPC (source: EP)
B67B 3/062 (2013.01); F17C 2209/236 (2013.01)

Citation (search report)

- [Y] EP 0780191 A1 19970625 - REPSOL BUTANO SA [ES]
- [Y] FR 2658587 A1 19910823 - SIRAGA IND FSE [FR], et al
- [A] EP 0521581 A1 19930107 - SHELL INT RESEARCH [NL]
- [A] GB 2174674 A 19861112 - SHELL INT RESEARCH
- [A] GB 1361072 A 19740724 - SHELL INT RESEARCH

Cited by
CN107879300A; GR1005223B; EP2199010A3; CN106081198A; CN106082059A

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

DOCDB simple family (publication)
EP 0919516 A2 19990602; **EP 0919516 A3 20020724**; **EP 0919516 B1 20040414**; AT E264265 T1 20040415; DE 69823140 D1 20040519; DE 69823140 T2 20050317; DK 0919516 T3 20040809; ES 2148054 A1 20001001; ES 2148054 B1 20010416; PT 919516 E 20040831

DOCDB simple family (application)
EP 98500244 A 19981111; AT 98500244 T 19981111; DE 69823140 T 19981111; DK 98500244 T 19981111; ES 9702474 A 19971127; PT 98500244 T 19981111