

Title (en)

Machine for closing bottles or the like

Title (de)

Verschliessmaschine für Flaschen oder dergleichen Behälter

Title (fr)

Machine pour fermer des bouteilles ou similaires

Publication

EP 1659088 B1 20081210 (DE)

Application

EP 05021999 A 20051008

Priority

DE 102004056040 A 20041119

Abstract (en)

[origin: EP1659088A1] To prevent the bottle from rotating during closing process, each sealing position has a container installation with increased coefficient of friction at a lateral device or support of the respective container. To press the respective container against the container installation, a belt device is provided, which has a circulating belt having endless loop. During the sealing process the loop length leans against the container and rotates synchronously with the rotor at the same speed. Sealing machine has powered rotor (4) which gets rotation from drive (9) and has locking tool (7) to apply a bottle cap (3) by raising the respective bottle (2) against the container plant (14) in sealing position (5) during the bolting procedure. Circulating belt (18) moves with pneumatic pressure.

IPC 8 full level

B67B 3/20 (2006.01)

CPC (source: EP US)

B67B 3/2033 (2013.01 - EP US); **B67B 3/206** (2013.01 - EP US)

Cited by

CN110894054A; FR2935958A1; US8628068B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1659088 A1 20060524; **EP 1659088 B1 20081210**; AT E417019 T1 20081215; BR PI0506342 A 20070109; BR PI0506342 B1 20180214; DE 102004056040 B3 20060614; DE 502005006194 D1 20090122; ES 2315771 T3 20090401; PL 1659088 T3 20090529; US 2006123738 A1 20060615; US 7325372 B2 20080205

DOCDB simple family (application)

EP 05021999 A 20051008; AT 05021999 T 20051008; BR PI0506342 A 20051116; DE 102004056040 A 20041119; DE 502005006194 T 20051008; ES 05021999 T 20051008; PL 05021999 T 20051008; US 28294805 A 20051118