

Title (en)
Machine for treating containers

Title (de)
Behälterbehandlungsmaschine

Title (fr)
Machine de traitement de récipients

Publication
EP 1514835 B1 20070117 (DE)

Application
EP 04013810 A 20040611

Priority
DE 10342415 A 20030913

Abstract (en)
[origin: EP1514835A1] The assembly to carry bottles (11) through workstations (6) is a carousel turntable (1) rotating around a vertical axis, which brings them through stations for cleaning, sterilizing, filling, sealing, and the like. The workstation has an enclosed zone (5) as a ring channel, where the bottle top is held within a specific atmosphere. The enclosed zone is composed of a rotating section (4) and a static shrouding (3), with an exchangeable bottle holder. An inflow jet (7) delivers an inert gas into the ring channel e.g. sterile air, CO₂, etc.

IPC 8 full level
B08B 11/02 (2006.01); **B67C 7/00** (2006.01); **B67C 3/00** (2006.01); **B67C 3/26** (2006.01)

CPC (source: EP US)
B67C 7/0086 (2013.01 - EP US); **B67C 2003/2694** (2013.01 - EP US); **B67C 2003/2697** (2013.01 - EP US)

Cited by
CN111417593A; CN111348607A; US9745183B2; WO2009146823A1; DE102007003835A1; US8763798B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
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