

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, CO<sub>2</sub>, 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

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DOCDB simple family (publication)  
**EP 1514835 A1 20050316**; **EP 1514835 B1 20070117**; DE 10342415 A1 20050407; DE 502004002658 D1 20070308; DK 1514835 T3 20070326; ES 2279258 T3 20070816; JP 2005089000 A 20050407; JP 3984249 B2 20071003; PL 1514835 T3 20070629; RU 2004127217 A 20060220; RU 2358893 C2 20090620; US 2005126118 A1 20050616; US 7121062 B2 20061017

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