

Title (en)
MACHINE FOR TREATING CONTAINERS COMPRISING A CLOSED SPACE

Title (de)
BEHÄLTERBEHANDLUNGSMASCHINE MIT ABGESCHLOSSENEM RAUM

Title (fr)
MACHINE DE TRAITEMENT DE RECIPIENTS ayant UNe enceinte fermée

Publication
EP 1486454 B1 20091118 (DE)

Application
EP 04005232 A 20040305

Priority
DE 10326618 A 20030613

Abstract (en)
[origin: EP1486454A1] An assembly rinses, fills and seals drinks containers e.g. PET bottles. The assembly has a rotating horizontal carousel that grips the bottles at carousel periphery. The open bottle necks are inserted into a chamber containing an inert gas, the chambers being is essentially enclosed. The chamber envelopes only the neck part of the bottle.

IPC 8 full level
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CPC (source: EP US)
B67C 7/0086 (2013.01 - EP US); **B65B 31/022** (2013.01 - EP US); **B65B 31/027** (2013.01 - EP US); **B67C 2003/2697** (2013.01 - EP US)

Cited by
DE102014117279A1; CN117819457A; CN105905851A; CN108799821A; US9957144B2; WO2008077446A1

Designated contracting state (EPC)
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JP 2005001767 A 20050106; PL 198414 B1 20080630; PL 368476 A1 20041227; RU 2004117844 A 20060110; RU 2342314 C2 20081227;
US 2005016624 A1 20050127; US 7165582 B2 20070123

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RU 2004117844 A 20040611; US 86524004 A 20040610