

Title (en)

Sterilizing device for bottle caps

Title (de)

Sterilisiervorrichtung für Getränkebehälterkappen

Title (fr)

Dispositif de stérilisations pour bouchons de bouteille

Publication

EP 1544154 B1 20120530 (DE)

Application

EP 04029319 A 20041210

Priority

DE 10359392 A 20031218

Abstract (en)

[origin: DE10359392B3] The sterilizing device has a first tower (1) and a second tower (2) with parallel axes (3), driven at equal circumferential speed there are transverse chutes with their ends on carrier rings (5) of different towers for transferring caps (6) from each stage of the first tower to a stage of the second tower, and then via at least one further tower and chutes to the next stage in down of the first tower.

IPC 8 full level

B67B 1/03 (2006.01); **B67C 7/00** (2006.01)

CPC (source: EP US)

B67B 3/062 (2013.01 - EP US); **B67C 7/0073** (2013.01 - EP US); **B67B 2201/08** (2013.01 - EP US)

Cited by

CN113307214A

Designated contracting state (EPC)

BE DE FR GB IT NL

DOCDB simple family (publication)

DE 10359392 B3 20050504; CN 1699139 A 20051123; EP 1544154 A1 20050622; EP 1544154 B1 20120530; RU 2004137075 A 20060610; RU 2388385 C2 20100510; US 2005161110 A1 20050728; US 7089715 B2 20060815

DOCDB simple family (application)

DE 10359392 A 20031218; CN 200410094259 A 20041217; EP 04029319 A 20041210; RU 2004137075 A 20041217; US 1467304 A 20041216