

Title (en)

SYSTEM AND METHOD FOR REMOVING OBJECTS FROM BOTTLES

Title (de)

SYSTEM UND VERFAHREN ZUM ENTFERNEN VON OBJEKten AUS FLASCHEN

Title (fr)

SYSTÈME ET PROCÉDÉ DE RETRAIT D'OBJETS DE BOUTEILLES

Publication

EP 2212037 A2 20100804 (EN)

Application

EP 08838914 A 20081017

Priority

- NL 2008050654 W 20081017
- NL 1034539 A 20071017

Abstract (en)

[origin: WO2009051483A2] An apparatus for removing objects from bottles, comprising: - a conveying track (5) for conveying the bottles (2); - first blowing means (20), which are disposed along the conveying track, and which are designed for blowing air into bottles (2) conveyed under the influence of the conveying track, for the purpose of removing objects (P) from the bottles through propulsion of air. The invention further provides a method for removing objects from bottles, comprising: - conveying bottles (2) to first blowing means (20); and - utilizing the first blowing means (2) for blowing air into bottle mouths of the supplied bottles (2) such that objects present in the bottles are removable from the bottles (2) via the bottle mouths under the influence of the air.

IPC 8 full level

B08B 5/02 (2006.01); **B08B 9/08** (2006.01); **B08B 9/28** (2006.01); **B08B 9/30** (2006.01); **B08B 9/34** (2006.01)

CPC (source: EP)

B08B 5/02 (2013.01); **B08B 9/0861** (2013.01); **B08B 9/283** (2013.01); **B08B 9/30** (2013.01); **B08B 9/34** (2013.01)

Citation (search report)

See references of WO 2009051483A2

Citation (examination)

US 3018200 A 19620123 - HUDDLE HARLEY E

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

WO 2009051483 A2 20090423; WO 2009051483 A3 20090604; EP 2212037 A2 20100804; NL 1034539 C2 20090420

DOCDB simple family (application)

NL 2008050654 W 20081017; EP 08838914 A 20081017; NL 1034539 A 20071017