

Title (en)

PROCESS AND DEVICE FOR REMOVING SHRINK-WRAPPS AND ALLROUND LABELS FROM RECEPTACLES

Title (de)

VERFAHREN UND VORRICHTUNG ZUM ENTFERNEN VON SCHRUMPFHÜLSEN ODER RUNDUMETIKETTEN VON GEFÄSSEN

Title (fr)

PROCEDE ET DISPOSITIF PERMETTANT D'ENLEVER DES MANCHONS RETRACTABLES OU DES ETIQUETTES ENTOURANT COMPLETEMENT DES RECIPIENTS

Publication

**EP 0711209 B1 19991013 (DE)**

Application

**EP 95921805 A 19950601**

Priority

- DE 4419182 A 19940601
- EP 9502086 W 19950601

Abstract (en)

[origin: WO9532814A1] The invention concerns a method and device for removing shrink-wraps or all-round labels from receptacles, in particular bottles, glasses, tins and the like. First, a separation line is produced obliquely in relation to the circumference and the shrink-wrap or all-round label is then removed with a fluid jet directed at the receptacle. During the process, the receptacles are held as closely as possible to the top, leaving the bottom free, while the fluid jet is directed at the receptacle obliquely from above in a substantially axial direction in relation to the receptacle wall, preferably at a point above the top edge of the shrink-wrap or label.

IPC 1-7

**B08B 9/00; B08B 9/20**

IPC 8 full level

**B08B 9/00** (2006.01); **B08B 9/08** (2006.01); **B08B 9/20** (2006.01)

CPC (source: EP US)

**B08B 9/083** (2013.01 - EP US); **Y10S 156/921** (2013.01 - EP US); **Y10T 156/1142** (2015.01 - EP US); **Y10T 156/19** (2015.01 - EP US)

Cited by

DE202017001813U1; DE102012212319A1

Designated contracting state (EPC)

CH DE ES FR GB IT LI

DOCDB simple family (publication)

**WO 9532814 A1 19951207**; BR 9505492 A 19960820; CN 1082403 C 20020410; CN 1128964 A 19960814; DE 59507038 D1 19991118; EP 0711209 A1 19960515; EP 0711209 B1 19991013; ES 2141356 T3 20000316; JP 3844497 B2 20061115; JP H09501103 A 19970204; US 5885401 A 19990323

DOCDB simple family (application)

**EP 9502086 W 19950601**; BR 9505492 A 19950601; CN 95190491 A 19950601; DE 59507038 T 19950601; EP 95921805 A 19950601; ES 95921805 T 19950601; JP 50033996 A 19950601; US 58161196 A 19960419