

Title (en)

METHOD AND DEVICE FOR LABELING CONTAINERS, LABELED CONTAINER AND SELF-ADHESIVE LABEL THEREFOR, AND METHOD AND DEVICE FOR PRODUCING SUCH A LABEL

Title (de)

VERFAHREN UND VORRICHTUNG ZUM ETIKETTIEREN VON BEHÄLTERN, ETIKETTIERTER BEHÄLTER UND SELBSTKLEBENDES ETIKETT HIERFÜR SOWIE VERFAHREN UND VORRICHTUNG ZUM HERSTELLEN EINES SOLCHEN ETIKETTS

Title (fr)

PROCÉDÉ ET DISPOSITIF POUR L'ÉTIQUETAGE DE RÉCIPIENTS, RÉCIPIENTS ÉTIQUETÉS ET ÉTIQUETTE AUTOCOLLANTE À CET EFFET AINSI QUE PROCÉDÉ ET DISPOSITIF POUR LA FABRICATION D'UNE TELLE ÉTIQUETTE

Publication

**EP 2516279 A2 20121031 (DE)**

Application

**EP 10805203 A 20101221**

Priority

- DE 102009059911 A 20091221
- EP 2010007818 W 20101221

Abstract (en)

[origin: WO2011085790A2] In order to label containers, in particular returnable beverage bottles, having self-adhesive yet dry, in particular highly transparent and/or removable labels, labels coated with an adhesive on at least one side are taken from a supply and then smoothly applied to an outer container surface. The adhesive layer is composed of gelatin or a material that comprises gelatin in an adequate amount. Each label and/or the outer container surface to be labeled is/are wetted with a liquid that partially dissolves the gelatin, in particular with water, before, during, or after being taken from the supply. After the wetting step, the label is transferred onto the associated outer container surface with the surface of the label containing gelatin, and in the process the liquid that partially dissolves the gelatin is enclosed. In order to produce such labels, an adhesive film made of gelatin liquefied by supplying heat or made of a material containing gelatin in a sufficient amount and liquefied by supplying heat is continuously dispensed in liquefied form from a dispensing nozzle having the shape of a wide slot and is applied to a film web. The adhesive layer of the film web coated in such a way is dried until there is a residual content of moisture remaining in the adhesive layer, until the adhesive layer is not tacky.

IPC 8 full level

**B31D 1/02** (2006.01); **B65C 9/16** (2006.01); **B65C 9/22** (2006.01)

CPC (source: EP)

**B31D 1/021** (2013.01); **B65C 9/16** (2013.01); **B65C 9/22** (2013.01)

Citation (search report)

See references of WO 2011085790A2

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**WO 2011085790 A2 20110721**; **WO 2011085790 A3 20120913**; DE 102009059911 A1 20110622; EP 2516279 A2 20121031

DOCDB simple family (application)

**EP 2010007818 W 20101221**; DE 102009059911 A 20091221; EP 10805203 A 20101221