

Title (en)

METHOD FOR SPRAYING COLD GLUE ON LABELS AND LABELLING STATION FOR CONTAINERS

Title (de)

VERFAHREN ZUM AUFSPRITZEN VON KALTLEIM AUF ETIKETTEN UND ETIKETTIERAGGREGAT FÜR BEHÄLTER

Title (fr)

PROCÉDÉ DE PULVÉRISATION D'UNE COLLE À FROID SUR DES ÉTIQUETTES ET GROUPE D'ÉTIQUETAGE POUR DES CONTENANTS

Publication

**EP 3887265 A1 20211006 (DE)**

Application

**EP 19780203 A 20190927**

Priority

- DE 102018220354 A 20181127
- EP 2019076146 W 20190927

Abstract (en)

[origin: WO2020108826A1] The invention relates to a method for spraying cold glue (3) on labels (4), a labelling station (1) for containers (8) and a labelling machine (10) equipped therewith. According to the invention, labels are transported through the working region of a print head (11) having spray nozzles (13) arranged in a grid pattern and the cold glue is dispensed from the spray nozzles onto the labels. The reliability of gluing can be increased, particularly compared to piezoelectric nozzle systems, the glue supply simplified and the labelling flexibly adapted to different requirements in respect of labels to be glued and containers to be labeled because a working pressure of the cold glue from 0.1 to 10 bar is set for the region of the print head and dispensing of the cold glue is controlled by means of electromagnetic valves (14) individually associated with the spray nozzles.

IPC 8 full level

**B65C 9/22** (2006.01); **B05C 5/02** (2006.01)

CPC (source: EP)

**B05B 1/3053** (2013.01); **B05B 12/04** (2013.01); **B65C 9/2217** (2013.01); **B05B 1/24** (2013.01); **B05B 15/50** (2018.02); **B05B 15/55** (2018.02); **B05C 5/0279** (2013.01); **B05C 11/1042** (2013.01)

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**DE 102018220354 A1 20200528**; CN 216509696 U 20220513; EP 3887265 A1 20211006; EP 3887265 B1 20240313; EP 3887265 C0 20240313; WO 2020108826 A1 20200604

DOCDB simple family (application)

**DE 102018220354 A 20181127**; CN 201990001186 U 20190927; EP 19780203 A 20190927; EP 2019076146 W 20190927