

Title (en)  
LABELLING MACHINE FOR LABELLING CONTAINERS ADAPTED TO CONTAIN A POURABLE PRODUCT AND METHOD FOR SPLICING TWO WEBS OF LABELLING MATERIAL

Title (de)  
ETIKETTIERMASCHINE ZUM ETIKETTIEREN VON BEHÄLTERN MIT EINEM RIESELFÄHIGEN PRODUKT UND VERFAHREN ZUM VERBINDEN VON ZWEI BAHNEN AUS ETIKETTIERMATERIAL

Title (fr)  
MACHINE D'ÉTIQUETAGE POUR ÉTIQUETER DES RÉCIPIENTS CONÇUS POUR CONTENIR UN PRODUIT VERSABLE ET PROCÉDÉ POUR RACCORDER DEUX TOILES DE MATÉRIAU DE D'ÉTIQUETAGE

Publication  
**EP 4310038 A1 20240124 (EN)**

Application  
**EP 22185654 A 20220719**

Priority  
**EP 22185654 A 20220719**

Abstract (en)  
There is described a labelling machine (1) for labelling containers (4) by means of labels (2) obtained from a web (3a, 3b) of labelling material, which web (3a, 3b) is defined by a plurality of labels (2) longitudinally joined, the labelling machine (1) comprises: a feeding unit (7) configured to support at least two windings (10), each formed by a respective web (3a, 3b) of labelling material, the feeding unit (7) being configured to feed each web (3a, 3b) along a feed path (Q), selectively; and a splicing device (14) configured for splicing an end portion of a first web (3a) with an initial portion of a second web (3b); the splicing device (14) comprises a pair of pads (16) movable between a first position, in which they are spaced apart from one another, and a second position, in which they cooperate with one another to perform a splicing operation; the labelling machine (1) further comprises: a first sensor (17) configured for detecting an unwinding degree of the first web (3a) and for generating an exhausted winding signal when the detected unwinding degree is above a predetermined threshold; a second sensor (18) arranged at a monitoring station (M) located along the feed path (Q) downstream of the splicing device (14), the second sensor (18) being configured to cyclically detect, for each label (2), a value (H) of a longitudinal coordinate defined with respect to a respective point of reference of each label (2), and to generate a triggering signal when the detected value (H) of said longitudinal coordinate reaches a preset value (H1, H2, Hn) associated with a triggering value for triggering the movement of the pads (16) from the first position to the second position; and a control unit (20) configured for receiving the exhausted winding signal and the triggering signal, and for automatically triggering the movement of the pads (16) from the first position to the second position upon receiving the exhausted winding signal and the triggering signal.

IPC 8 full level  
**B65H 19/18** (2006.01); **B65C 9/18** (2006.01); **B65H 26/06** (2006.01)

CPC (source: EP)  
**B65C 9/1819** (2013.01); **B65H 19/1836** (2013.01); **B65H 19/1873** (2013.01); **B65H 26/063** (2013.01); **B65H 2301/46013** (2013.01); **B65H 2301/46172** (2013.01); **B65H 2301/4621** (2013.01); **B65H 2301/46412** (2013.01); **B65H 2553/24** (2013.01); **B65H 2553/41** (2013.01); **B65H 2701/194** (2013.01); **B65H 2801/75** (2013.01)

Citation (search report)  
• [XAYI] DE 3923163 A1 19910117 - KRONSEDER MASCHF KRONES [DE]  
• [Y] WO 2021079312 A1 20210429 - MAKRO LABELLING SRL [IT], et al

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

Designated validation state (EPC)  
KH MA MD TN

DOCDB simple family (publication)  
**EP 4310038 A1 20240124**; WO 2024017539 A1 20240125

DOCDB simple family (application)  
**EP 22185654 A 20220719**; EP 2023065520 W 20230609