

Title (en)

MACHINE FOR LABELLING BOTTLES AND RELATIVE METHOD

Title (de)

MASCHINE ZUM ETIKETTIEREN VON FLASCHEN UND ENTSPRECHENDES VERFAHREN

Title (fr)

MACHINE POUR L'ÉTIQUETAGE DES BOUTEILLES ET PROCÉDÉ CORRESPONDANT

Publication

EP 3828091 A1 20210602 (EN)

Application

EP 19306535 A 20191129

Priority

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Abstract (en)

Automatic labelling machine (1) for bottles, comprising: - a feeding station (11), for feeding a strip (W) of material for labels; - a labelling station (14) configured to perform a labelling step, during which the labelling station (14) attaches a plurality of portions (p1, p2) of said strip (W) onto a plurality of successive bottles, respectively, so as to label in each case said bottles by means of said portions (p1, p2); - a movement system (15) configured to perform a movement step, during which the movement system (15) causes a movement of said strip (W) from said feeding station (11) to said labelling station (14); - a gluing station (12) configured to perform sequentially, for each of said portions (p1, p2) and during said movement, a respective gluing step associated with the portion (p1; p2), during which the gluing station (12) applies glue onto the portion (p1; p2); - a cutting station (13) configured to perform sequentially, for each of said portions (p1, p2) and during said movement, a respective cutting step associated with the portion (p1; p2), during which the cutting station (13) cuts the strip (W) so as to define the form of the respective label corresponding to the portion (p1; p2); characterized in that: - the cutting station (13) is configured to perform the respective cutting step associated with each portion (p1; p2) by means of a laser; - the machine is configured so that the cutting station (13) is operationally positioned, in accordance with said movement, downstream of said gluing station (12) so that, for each portion (p1; p2), the cutting station (13) performs the cutting step associated with the respective portion (p1; p2) after the gluing station (12) has performed the gluing step associated with the same portion (p1; p2).

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [X] EP 3533720 A1 20190904 - SIDEL PARTICIPATIONS [FR]
- [X] US 2002168212 A1 20021114 - NEDBLAKE GREYDON W [US], et al
- [A] WO 2007110738 A1 20071004 - SACMI LABELLING S P A [IT], et al

Designated contracting state (EPC)

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