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(54) LABELLING APPARATUS AND METHOD

(57) A labelling apparatus (1) comprises: a feed roller (11); a gluing roller (12); a cutting roller (13), provided with a knife (130), and a transfer carousel (14), including a plurality of suction protrusion arrangements (140), angularly distributed along a periphery of the transfer carousel (14) and provided with corresponding recesses (140R). The transfer carousel (14) is adapted to receive a web (2) from the feed roller (11) in a loading zone (C), to keep the web (2) adherent to one or more of the suction protrusion arrangements (140) and to bring the labels (20) into contact with corresponding bottles (21), in an unloading

zone (S). The transfer carousel (14) is also configured for interacting with the gluing roller (12) in a gluing zone (I) and with the cutting roller (13) in a cutting zone (T), where the rotations of the gluing roller (12), of the cutting roller (13) and of the transfer carousel (14) are synchronized so that the gluing roller (12) acts in conjunction with the suction protrusion arrangements (140) of the transfer carousel (14) to apply glue, and at least one knife (130) of the cutting roller (13) is inserted cyclically into the recesses (140R) of the suction protrusion arrangements (140) to cut the web (2) into labels (20).

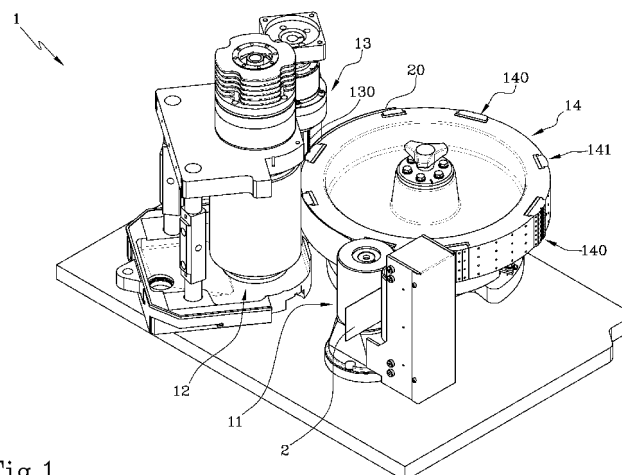


Fig.1



EUROPEAN SEARCH REPORT

Application Number

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Place of search		Date of completion of the search	Examiner
The Hague		28 August 2026	Pardo Torre, Ignacio
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			
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ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO.

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