

Title (en)

DIRECT PRINTER FOR APPLYING A PRINTED LAYER TO CONTAINERS

Title (de)

DIREKTD RUCKMASCHINE ZUM AUFBRINGEN EINER DRUCKSCHICHT AUF BEHÄLTER

Title (fr)

MACHINE D'IMPRESSION DIRECTE POUR L'APPLICATION D'UNE COUCHE D'IMPRESSION SUR DES RÉCIPIENTS

Publication

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Application

EP 18728586 A 20180528

Priority

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Abstract (en)

[origin: WO2019042600A1] The present invention relates to a direct printer for applying a printed layer to containers (130), such as bottles in the beverage-processing industry, with at least one print head (101) which comprises at least two nozzle rows for ejecting ink droplets onto a surface of a container, characterized in that the print head is oriented in such a way that the nozzle rows enclose an angle of greater than 0° with a plane (133) perpendicularly with respect to the transport direction (132) of the containers; and to a corresponding method. In one alternative embodiment, the printer can have two print heads (301, 302) which are arranged behind one another in the transport direction of the containers and are offset with respect to one another perpendicularly with respect to the transport plane, in which the containers are transported, by a distance (h) which is smaller than the spacing of two adjacent nozzles in a nozzle row.

IPC 8 full level

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