

Title (en)

DIRECT PRINTING MACHINE AND METHOD FOR PRINTING CONTAINERS WITH A DIRECT PRINT

Title (de)

DIREKTDRUCKMASCHINE UND VERFAHREN ZUR BEDRUCKUNG VON BEHÄLTERN MIT EINEM DIREKTDRUCK

Title (fr)

MACHINE D'IMPRESSION DIRECTE ET PROCÉDÉ POUR EFFECTUER UNE IMPRESSION DIRECTE SUR DES CONTENANTS

Publication

EP 3377325 B1 20220309 (DE)

Application

EP 16781089 A 20161006

Priority

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- EP 2016073937 W 20161006

Abstract (en)

[origin: WO2017084804A1] A direct printing machine (1) for printing containers (2), having a conveying device (3) for conveying the containers (2) and having direct print heads (4a) with printing nozzles for applying a direct print onto the containers (2), characterized in that at least the printing nozzles of the direct printing heads (4a) are situated in a treatment chamber (5) under vacuum which is provided with double door systems (6, 7) for inserting and removing the containers.

IPC 8 full level

B41J 3/407 (2006.01)

CPC (source: EP US)

B41J 3/4073 (2013.01 - EP US)

Citation (examination)

- EP 2743087 A1 20140618 - KRONES AG [DE]
- DE 102013208065 A1 20130704 - KRONES AG [DE]
- DE 102013214935 A1 20150205 - KRONES AG [DE]

Cited by

US11752779B2; US12077337B2; US10667628B2; US11122914B2; US11659942B2; US11472579B2; US11548667B2; US11958652B2

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