

Title (en)

Container handling machine for printing on containers

Title (de)

Behälterbehandlungsmaschine zur Bedruckung von Behältern

Title (fr)

Machine de traitement de récipients destinée à l'impression de récipients

Publication

EP 2848417 B1 20200715 (DE)

Application

EP 14178479 A 20140725

Priority

DE 102013217659 A 20130904

Abstract (en)

[origin: US2015059600A1] A container treatment machine for printing on containers, including a transport unit optionally configured as a carousel and used for conveying the containers in circulating container reception apparatus, at least one direct printing head for printing with a light-curing printing ink, and a stationary curing unit for curing the printing ink on the containers by light radiation, optionally UV light radiation, characterized in that each of the container reception apparatuses is provided with a shielding enclosure used for shielding off light radiation and having at least one access opening for the curing unit, and the curing unit is provided with a shielding element cooperating with the access opening of at least one shielding enclosure such that direct exit of light is prevented.

IPC 8 full level

B41J 3/407 (2006.01); **B41J 11/00** (2006.01)

CPC (source: EP US)

B41F 17/006 (2013.01 - US); **B41F 17/18** (2013.01 - US); **B41F 17/28** (2013.01 - US); **B41F 17/30** (2013.01 - US); **B41J 2/165** (2013.01 - EP US); **B41J 3/4073** (2013.01 - EP US); **B41J 3/40733** (2020.08 - EP US); **B41J 11/00214** (2021.01 - EP US); **B41P 2217/00** (2013.01 - US)

Cited by

WO2017084804A1; WO2017084865A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 2848417 A1 20150318; **EP 2848417 B1 20200715**; CN 104417055 A 20150318; CN 104417055 B 20160824; DE 102013217659 A1 20150305; US 2015059600 A1 20150305; US 9302463 B2 20160405

DOCDB simple family (application)

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