

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

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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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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