

Title (en)

Device for printing containers, in particular by means of a rotary machine

Title (de)

Vorrichtung zum Bedrucken von Behältern, insbesondere mittels einer Rundläufermaschine

Title (fr)

Dispositif d'impression de récipients, en particulier au moyen d'une machine à plateaux tournants

Publication

**EP 2848415 B1 20170111 (DE)**

Application

**EP 14181894 A 20140822**

Priority

DE 102013217667 A 20130904

Abstract (en)

[origin: CN104417034A] The invention relates to a device for printing containers, in particular by means of a rotary machine, and the device comprises a container conveyor for transporting the containers along a printing path, a container inlet for supplying and a container outlet for taking out the container to or from the container transport device, wherein the container inlet, the container outlet and the container transport device, are operated coordinated independently of one another each have their own drive, such as an electric motor. The apparatus comprises an energy store emits at interruption and / or variation of an external power supply energy to the drives and takes over the power supply for the coordinated operation.

IPC 8 full level

**B41J 3/407** (2006.01); **B65B 61/02** (2006.01)

CPC (source: EP US)

**B41J 3/4073** (2013.01 - EP US); **B41J 3/40733** (2020.08 - EP US); **B65B 61/025** (2013.01 - EP)

Citation (opposition)

Opponent : KHS GmbH

- EP 0739855 A2 19961030 - FLEUREN NORBERT [DE]
- DE 4306307 A1 19940908 - SIEMENS AG [DE]
- DE 102008009907 A1 20080918 - HEIDELBERGER DRUCKMASCH AG [DE]
- DE 102011009393 A1 20120726 - KRONES AG [DE]
- DE 19758799 B4 20080327 - KRONES AG [DE]
- DE 102009058222 A1 20110616 - TILL VOLKER [DE]
- WO 2013029712 A1 20130307 - KHS GMBH [DE], et al
- DE 102007036752 A1 20090205 - KHS AG [DE]
- DE 19927668 A1 20001228 - KRONES AG [DE]
- DE 202006000270 U1 20060406 - KHS MASCH & ANLAGENBAU AG [DE]
- DE 202011110312 U1 20130628 - KHS GMBH [DE]
- DE 10064755 A1 20020711 - ROLAND MAN DRUCKMASCH [DE]
- EP 2099113 A1 20090909 - WIFAG MASCHF AG [CH]
- DE 102006000741 A1 20070705 - KOENIG & BAUER AG [DE]
- DE 102011113150 A1 20130314 - KHS GMBH [DE]
- EP 1449778 B1 20070307 - KHS AG [DE]

Cited by

CN106004085A; CN113320787A

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 2848415 A1 20150318**; **EP 2848415 B1 20170111**; CN 104417034 A 20150318; CN 104417034 B 20170524;  
DE 102013217667 A1 20150305

DOCDB simple family (application)

**EP 14181894 A 20140822**; CN 201410448613 A 20140904; DE 102013217667 A 20130904