

Title (en)

Transfer device for hollow articles to be printed or already printed in a printing machine

Title (de)

Transfervorrichtung für in einer Druckmaschine zu bedruckende oder bereits bedruckte Hohlkörper

Title (fr)

Dispositif de transfert d'articles creux à imprimer ou déjà imprimés dans une machine d'impression

Publication

EP 1132207 B1 20100707 (DE)

Application

EP 01105127 A 20010302

Priority

DE 10010099 A 20000302

Abstract (en)

[origin: EP1132207A1] Transfer device comprises a rotating transfer rotor (15) for transferring hollow bodies (4) to a spindle plate (5) arranged on a printing machine, and holding devices (18) arranged on the transfer rotor and defining receiving sites (21) for the hollow bodies. The hollow bodies are transferred between the receiving sites of the holding devices of the transfer rotor and the receiving spindles of the spindle plate. Controllers (32) are arranged relative to each other to control the holding devices and the receiving spindles.

IPC 8 full level

B41F 17/22 (2006.01)

CPC (source: EP US)

B41F 17/22 (2013.01 - EP US)

Cited by

EP2808277A1; DE102014213804A1; DE102016201139B4; DE102014213813A1; DE102016201137B4; DE102017201921A1; DE102016201140A1; DE102016201140B4; DE102014213807A1; DE102018201033B3; DE102014213811A1; DE102017206392A1; WO2020048739A1; WO2021089236A1; DE102019123633A1; DE102018121542A1; DE102014213812B3; DE102017202381A1; US10308008B2; DE102018121540A1; DE102014213813B4; DE102017202382A1; DE102019123634A1; DE102019123632A1; DE102014213807B4; EP3339222A1; DE102019125130B4; DE102014213805B3; EP3757043A1; DE102019123631A1; WO2010099957A1; US10239705B2; DE102016201139A1; WO2016008703A1; DE102016201137A1; WO2017129438A1; WO2019145213A1; EP1661699A1; US11155420B2; US7540236B2; US11123976B2; DE102018121542B4; WO2020048738A1; DE102017201921B4; EP2562103A1; DE102011081590A1; US9033132B2; WO2016008701A1; WO2016008702A1; WO2018149653A1; US10773514B2; EP3450361B1; WO2018149652A1; WO2018188830A1; US10661590B2; US10786984B2; DE102019129926B4; US11535027B2

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DOCDB simple family (publication)

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DOCDB simple family (application)

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