

Title (en)
MACHINE FOR PRINTING HOLLOW ARTICLES

Title (de)
MASCHINE ZUM BEDRUCKEN VON HOHLKÖRPERN

Title (fr)
MACHINE D'IMPRESSION D'ARTICLES CREUX

Publication
EP 2942195 A1 20151111 (EN)

Application
EP 15405026 A 20150331

Priority
CH 6552014 A 20140502

Abstract (en)
A machine for printing hollow articles comprises at least two printing stations (151, 152) and at least two drying stations (161, 162), where a first drying station (161) is associated to a first of the printing stations (151) and a second drying station (162) is associated to a second of the printing stations (152). The machine further comprises a transport chain mechanism for transferring the hollow articles between the printing stations (151, 152) and the drying stations (161, 162), and a selection mechanism (110) allowing for switching between a first mode, in which hollow articles provided by a previous station pass through the first printing station (151) and the first drying station (161), omitting the second printing station (152) and the second drying station (162), and a second mode, in which the hollow articles pass through the second printing station (152) and the second drying station (162), omitting the first printing station (151) and the first drying station (161). The machine allows for reducing or eliminating down times due to change over of the printing station for a new lot of hollow articles requiring a different print image.

IPC 8 full level
B41F 17/18 (2006.01); **B41F 17/00** (2006.01); **B65G 17/20** (2006.01); **B65G 47/64** (2006.01)

CPC (source: EP)
B41F 17/002 (2013.01); **B41F 17/18** (2013.01)

Citation (search report)
• [I] EP 1661699 A1 20060531 - HINTERKOPF GMBH [DE]
• [A] EP 2100733 A1 20090916 - POLYTYPE S A [CH]

Cited by
US11203208B2

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2942195 A1 20151111; **EP 2942195 B1 20180418**; CN 105034571 A 20151111; CN 105034571 B 20190308; HK 1213847 A1 20160715

DOCDB simple family (application)
EP 15405026 A 20150331; CN 201510219820 A 20150430; HK 16101823 A 20160218