

Title (en)

ASSEMBLY OF AT LEAST ONE REVOLUTION OBJECT AND ONE INK JET PRINTING MACHINE

Title (de)

EINHEIT AUS MINDESTENS EINEM UMLAUFENDEN OBJEKT UND EINER TINTENSTRAHLDRUCKMASCHINE

Title (fr)

ENSEMBLE D'AU MOINS UN OBJET DE RÉVOLUTION ET D'UNE MACHINE D'IMPRESSION À JET D'ENCRE

Publication

EP 3006218 B1 20181226 (FR)

Application

EP 15189130 A 20151009

Priority

FR 1459724 A 20141010

Abstract (en)

[origin: US2016101631A1] An assembly (1) of at least one object (5) having an outer surface (12) substantially of revolution around an axis of revolution (Δ) and a machine (10) for printing the object, the machine including: at least four printing stations (16, 18, 20, 22) including at least two inkjet printheads, each printhead defining a median plane, the median planes intercepting the outer surface along two impact axes, respectively, seen from an opening angle from the axis of revolution; a conveying system (35) including at least one object carrier (40) and suitable for moving the object carrier relative to the printing stations sequentially in at least four printing positions, the object carrier being suitable for rotating the object around the axis of revolution; and a controller. In each of the printing positions: the two printheads are offset relative to one another along the axis of revolution; the control system is configured so that said two printheads print the object during at least one printing period; and the median planes form an angle strictly smaller than the opening angle between them.

IPC 8 full level

B41J 3/407 (2006.01)

CPC (source: EP US)

B41J 2/01 (2013.01 - US); **B41J 3/4073** (2013.01 - EP US); **B41J 3/40733** (2020.08 - EP US); **B41J 3/543** (2013.01 - EP US); **B41J 2/14** (2013.01 - US); **B41J 2/17503** (2013.01 - US); **B41J 2/2103** (2013.01 - US); **B41J 19/16** (2013.01 - US); **B41J 25/003** (2013.01 - US)

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 3006218 A1 20160413; **EP 3006218 B1 20181226**; ES 2717110 T3 20190619; FR 3026983 A1 20160415; FR 3026983 B1 20161209; US 2016101631 A1 20160414; US 9533515 B2 20170103

DOCDB simple family (application)

EP 15189130 A 20151009; ES 15189130 T 20151009; FR 1459724 A 20141010; US 201514877612 A 20151007