

Title (en)

METHOD FOR PRINTING ON A CURVED SURFACE OF AN OBJECT WITH AN INK JET HEAD

Title (de)

VERFAHREN ZUM BEDRUCKEN EINER GEKRÜMMTEN OBERFLÄCHE EINES OBJEKTS MIT EINEM TINTENSTRAHLKOPF

Title (fr)

PROCEDE D'IMPRESSION D'UNE SURFACE COURBEE D'UN OBJET A L'AIDE D'UNE TETE D'IMPRESSION A JET D'ENCRE

Publication

EP 3002128 B1 20181114 (DE)

Application

EP 15178766 A 20150729

Priority

DE 102014012395 A 20140821

Abstract (en)

[origin: US2016052312A1] A method for printing at least one section of a flat or preferably curved surface of an object includes using a relative movement between an inkjet head and the object to move the inkjet head along a first path and print a first track in the process and to move the inkjet head along a second path and print a second track in the process. A first track edge of the first track and a second track edge of the second track meet at a point and enclose an angle between about 1° and about 179° at the point. The method permits the curved surface to be printed without perceptible track connections.

IPC 8 full level

B41J 3/407 (2006.01); **B41J 25/00** (2006.01)

CPC (source: EP US)

B41J 3/4073 (2013.01 - EP US); **B41J 25/001** (2013.01 - US); **B41J 25/003** (2013.01 - EP US); **B41J 25/005** (2013.01 - EP US)

Cited by

DE102016014944A1; US11944990B2; US11167302B2; US11167297B2; US11338312B2; US11167308B2; US11440035B2; US11154892B2; US11298717B2; US11504735B2; US11878317B2; WO2018108570A1; EP3698881A1; US11203030B2; US11813630B2; US11975345B2

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DOCDB simple family (publication)

US 2016052312 A1 20160225; **US 9764573 B2 20170919**; CN 105383185 A 20160309; CN 105383185 B 20181130; CN 109177519 A 20190111; CN 109177519 B 20200616; DE 102014012395 A1 20160225; EP 3002128 A2 20160406; EP 3002128 A3 20161012; EP 3002128 B1 20181114; US 10252552 B2 20190409; US 2017267002 A1 20170921

DOCDB simple family (application)

US 201514832341 A 20150821; CN 201510519233 A 20150821; CN 201811082287 A 20150821; DE 102014012395 A 20140821; EP 15178766 A 20150729; US 201715610814 A 20170601