

Title (en)

DEVICE FOR PRINTING AT LEAST ONE AREA OF THE SURFACE OF AN OBJECT

Title (de)

VORRICHTUNG ZUM BEDRUCKEN WENIGSTENS EINES BEREICHS DER OBERFLÄCHE EINES OBJEKTS

Title (fr)

DISPOSITIF DESTINÉ À IMPRIMER AU MOINS UNE ZONE DE LA FACE D'UN OBJET

Publication

EP 3056347 B1 20200311 (DE)

Application

EP 16152187 A 20160121

Priority

DE 102015202399 A 20150211

Abstract (en)

[origin: US2016229208A1] A device for printing on at least one region of a surface of a so-called 3D object, for instance a curved auto body part, includes a manipulator, for instance an articulated-arm robot with six degrees of freedom. The device also includes a system for vibration compensation for the print head. The system includes an active component and a passive component. Manipulator vibration which creates defects in a printed image may thus be effectively avoided.

IPC 8 full level

B41J 3/407 (2006.01); **B41J 19/06** (2006.01)

CPC (source: CN EP US)

B41J 3/4073 (2013.01 - CN EP US); **B41J 19/06** (2013.01 - EP US); **B41J 29/26** (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 3056347 A1 20160817; **EP 3056347 B1 20200311**; CN 105856861 A 20160817; CN 105856861 B 20191018;
DE 102015202399 A1 20160811; US 2016229208 A1 20160811; US 9636936 B2 20170502

DOCDB simple family (application)

EP 16152187 A 20160121; CN 201610084568 A 20160214; DE 102015202399 A 20150211; US 201615040171 A 20160210