

Title (en)

METHOD OF FORMING CONNECTION BETWEEN ELECTRODE AND ACTUATOR IN AN INKJET NOZZLE ASSEMBLY

Title (de)

VERFAHREN ZUR HERSTELLUNG EINER VERBINDUNG ZWISCHEN EINER ELEKTRODE UND EINEM STELLGLIED IN EINER TINTENSTRAHLDÜSENANORDNUNG

Title (fr)

PROCÉDÉ DE FORMATION D'UNE CONNEXION ENTRE UNE ÉLECTRODE ET UN ACTIONNEUR DANS UN ENSEMBLE DE BUSES À JET D'ENCRE

Publication

EP 2160296 A1 20100310 (EN)

Application

EP 07870177 A 20070615

Priority

AU 2007000846 W 20070615

Abstract (en)

[origin: WO2008151351A1] A method of forming an electrical connection between an electrode and an actuator in an inkjet nozzle assembly is provided. The method comprises the steps of: (a) providing a substrate having a layer of drive circuitry, the drive circuitry including the electrode for connection to the actuator; (b) forming a wall of insulating material over the electrode; (c) defining a via in the wall, the via revealing the electrode; (d) filling the via with a conductive material using electroless plating to provide a connector post; (e) forming at least part of the actuator over the connector post, thereby providing electrical connection between the actuator and the electrode.

IPC 8 full level

B41J 2/16 (2006.01)

CPC (source: EP KR)

B41J 2/16 (2013.01 - KR); **B41J 2/1628** (2013.01 - EP); **B41J 2/1631** (2013.01 - EP); **B41J 2/1635** (2013.01 - EP); **B41J 2/1642** (2013.01 - EP); **B41J 2/1643** (2013.01 - EP); **B41J 2/1645** (2013.01 - EP); **B41J 2/1648** (2013.01 - EP); **B41J 2002/14435** (2013.01 - EP); **B41J 2202/18** (2013.01 - EP)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

WO 2008151351 A1 20081218; CA 2688245 A1 20081218; CA 2688245 C 20121218; EP 2160296 A1 20100310; EP 2160296 A4 20100908; EP 2160296 B1 20120815; EP 2527152 A1 20121128; EP 2527152 B1 20131211; KR 101064043 B1 20110908; KR 20100029187 A 20100316; TW 200848270 A 20081216; TW 200848271 A 20081216; TW I406772 B 20130901; TW I409175 B 20130921

DOCDB simple family (application)

AU 2007000846 W 20070615; CA 2688245 A 20070615; EP 07870177 A 20070615; EP 12174685 A 20070615; KR 20097025354 A 20070615; TW 96137838 A 20071009; TW 96137839 A 20071009