

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 A4 20100908 (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

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CPC (source: EP KR)

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Citation (search report)

- [I] US 6416168 B1 20020709 - SILVERBROOK KIA [AU]
- [A] US 6332669 B1 20011225 - KATO SEIICHI [JP], et al
- [I] US 2007103510 A1 20070510 - SILVERBROOK KIA [AU]
- [A] US 2006066677 A1 20060330 - HORI HISAMITSU [JP]
- See references of WO 2008151351A1

Designated contracting state (EPC)

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Designated extension state (EPC)

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DOCDB simple family (application)

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