

Title (en)
INKJET NOZZLE ASSEMBLY HAVING THERMAL BEND ACTUATOR WITH AN ACTIVE BEAM DEFINING SUBSTANTIAL PART OF NOZZLE CHAMBER ROOF

Title (de)
TINTENSTRAHLDÜSENANORDNUNG MIT THERMISCH BIEGENDEM BETÄTIGUNGSELEMENT MIT EINEM EINEN WESENTLICHEN TEIL DES DÜSENKAMMERDACHS DEFINIERENDEN AKTIVEN TRÄGER

Title (fr)
ENSEMBLE DE BUSE À JET D'ENCRE AYANT UN ACTIONNEUR À FLEXION THERMIQUE AVEC UNE POUTRE ACTIVE DÉFINISSANT UNE PARTIE SUBSTANTIELLE D'UNE COUVERTURE DE CHAMBRE DE BUSE

Publication
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Application
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Priority
AU 2006001831 W 20061204

Abstract (en)
[origin: WO2008067581A1] An inkjet nozzle assembly is provided. The assembly comprises a nozzle chamber comprising a floor and a roof. The roof has a nozzle opening defined therein, and a moving portion moveable towards the floor. The assembly further comprises a thermal bend actuator, having a plurality of cantilever beams, for ejecting ink through the nozzle opening. A first active beam of the actuator defines at least 30% of a total area of the roof.

IPC 8 full level
B41J 2/04 (2006.01)

CPC (source: EP KR)
B41J 2/05 (2013.01 - KR); **B41J 2/135** (2013.01 - KR); **B41J 2/14427** (2013.01 - EP); **B41J 2002/14435** (2013.01 - EP); **B41J 2202/15** (2013.01 - EP)

Citation (search report)

- No further relevant documents disclosed
- See references of WO 2008067581A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
WO 2008067581 A1 20080612; CY 1113795 T1 20160727; DK 2089229 T3 20121217; EP 2089229 A1 20090819; EP 2089229 A4 20110316; EP 2089229 B1 20120815; ES 2393305 T3 20121220; JP 2010511527 A 20100415; JP 4933629 B2 20120516; KR 101030152 B1 20110418; KR 20090095562 A 20090909; PL 2089229 T3 20130628; PT 2089229 E 20121120; SI 2089229 T1 20121231; TW 200824914 A 20080616; TW I468301 B 20150111

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