

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  
**EP 06827989 A 20061204**

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)  
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