

Title (en)

METHOD OF MANUFACTURING LIQUID DISCHARGE HEAD AND METHOD OF MANUFACTURING LIQUID DISCHARGE APPARATUS

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES FLÜSSIGKEITSAUSSTOSSKOPFES UND VERFAHREN ZUR HERSTELLUNG EINER FLÜSSIGKEITSAUSSTOSSVORRICHTUNG

Title (fr)

PROCÉDÉ DE FABRICATION DE TÊTE D'ÉJECTION DE LIQUIDE ET PROCÉDÉ DE FABRICATION D'APPAREIL DE DÉCHARGE DE LIQUIDE

Publication

EP 3851284 A1 20210721 (EN)

Application

EP 20216883 A 20201223

Priority

- JP 2020005313 A 20200116
- JP 2020155539 A 20200916

Abstract (en)

There is provided a method of manufacturing a liquid discharge head (100) to vibrate a nozzle plate (1) including a substrate (81) and a piezoelectric body (82) to discharge liquid. The method includes forming the piezoelectric body (82) on the substrate (81) at 450°C to 600°C and forming a nozzle orifice (4) penetrating through the substrate (81) and the piezoelectric body (82).

IPC 8 full level

B41J 2/16 (2006.01)

CPC (source: EP)

B41J 2/1607 (2013.01); **B41J 2/1623** (2013.01); **B41J 2/1628** (2013.01); **B41J 2/1632** (2013.01); **B41J 2/1642** (2013.01); **B41J 2/1646** (2013.01); **B41J 2202/15** (2013.01)

Citation (applicant)

- JP H0365350 A 19910320 - RICOH KK
- JP 3427608 B2 20030722
- JP H09226111 A 19970902 - FUJI XEROX CO LTD

Citation (search report)

- [X] US 2014267498 A1 20140918 - YOKOYAMA SHUHEI [JP], et al
- [X] US 2014253639 A1 20140911 - YOKOYAMA SHUHEI [JP], et al

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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