



(11) **EP 3 045 314 A3**

(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
21.09.2016 Bulletin 2016/38

(51) Int Cl.:
B41J 2/045^(2006.01)

(43) Date of publication A2:
20.07.2016 Bulletin 2016/29

(21) Application number: **16151806.3**

(22) Date of filing: **19.01.2016**

(84) Designated Contracting States:
**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 States:
BA ME
Designated Validation States:
MA MD

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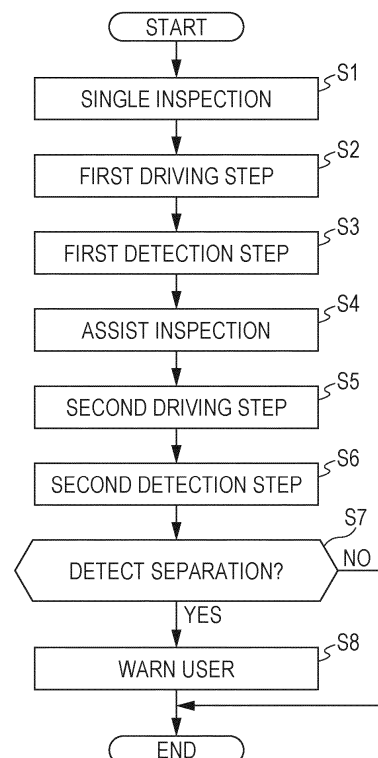
(30) Priority: **19.01.2015 JP 2015007387**

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(54) **INSPECTION METHOD OF LIQUID DISCHARGE HEAD AND LIQUID DISCHARGE DEVICE**

(57) Inspection processing is performed. The inspection processing includes a first driving step of driving a piezoelectric element (18a) corresponding to an inspection target nozzle (23a), a first detection step of detecting vibration that is generated in ink in a pressure chamber (20) corresponding to the inspection target nozzle by the driving in the first driving step, a second driving step of driving together the piezoelectric element corresponding to the inspection target nozzle and a piezoelectric element (18b) corresponding to at least one nozzle (23b) of nozzles adjacent to the inspection target nozzle, a second detection step of detecting vibration that is generated in the ink in the pressure chamber corresponding to the inspection target nozzle by the driving in the second driving step, and a separation detection step of detecting separation of a member (15, 16) joined to the partition wall (13) of the pressure chamber based on a difference between a detection result of the first detection step and a detection result of the second detection step.

FIG. 7



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			TECHNICAL FIELDS SEARCHED (IPC)
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The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 9 August 2016	Examiner Kulhanek, Peter
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

EPO FORM 1503 03/02 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
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5 This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
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