

Title (en)

LIQUID EJECTION HEAD AND LIQUID EJECTION MODULE

Title (de)

FLÜSSIGKEITS-AUSSTOSSKOPF UND FLÜSSIGKEITS-AUSSTOSSMODUL

Title (fr)

TÊTE D'ÉJECTION DE LIQUIDE ET MODULE D'ÉJECTION DE LIQUIDE

Publication

**EP 3603978 B1 20220629 (EN)**

Application

**EP 19189003 A 20190730**

Priority

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- JP 2019079683 A 20190418

Abstract (en)

[origin: EP3603978A1] A first inflow port (20) allows a first liquid (31) to flow into a liquid flow passage (13), and a second inflow port (21) allows a second liquid (32) to flow into the liquid flow passage (13). The first and second liquids (31, 32) flow toward a pressure chamber (18). There is a portion satisfying  $L \geq W$ , where L is a length of the first inflow port (20) and W is a length of the liquid flow passage (13) above the first inflow port (20), in a direction orthogonal to a direction of flow of the first liquid (31) in the pressure chamber (18) and to a direction of ejection of the second liquid (32) from an ejection port (11). In a case where the second liquid (32) is ejected from bottom to top, the second liquid (32) flows above the first liquid (31).

IPC 8 full level

**B41J 2/14** (2006.01)

CPC (source: CN EP KR US)

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Cited by

CN113665244A; EP3771565A1; US11433666B2

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