

Title (en)
LIQUID EJECTION HEAD AND LIQUID EJECTION MODULE

Title (de)
FLÜSSIGKEITSAUSSTOSSKOPF UND FLÜSSIGKEITSAUSSTOSSMODUL

Title (fr)
TÊTE D'ÉJECTION DE LIQUIDE ET MODULE D'ÉJECTION DE LIQUIDE

Publication
EP 3603978 A1 20200205 (EN)

Application
EP 19189003 A 20190730

Priority

- JP 2018143894 A 20180731
- JP 2019079683 A 20190418

Abstract (en)
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)

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Citation (applicant)
JP H06305143 A 19941101 - CANON KK

Citation (search report)

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Designated contracting state (EPC)
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EP 3603978 A1 20200205; EP 3603978 B1 20220629; BR 102019015762 A2 20200227; JP 2020023151 A 20200213; JP 7330741 B2 20230822; KR 102530985 B1 20230511; KR 20200014230 A 20200210

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