

Title (en)

LIQUID EJECTION HEAD AND LIQUID EJECTION DEVICE

Title (de)

FLÜSSIGKEITSAUSSTOSSKOPF UND FLÜSSIGKEITSAUSSTOSSVORRICHTUNG

Title (fr)

TÊTE D'ÉJECTION DE LIQUIDE ET DISPOSITIF D'ÉJECTION DE LIQUIDE

Publication

EP 4434749 A1 20240925 (EN)

Application

EP 23207533 A 20231102

Priority

JP 2023048753 A 20230324

Abstract (en)

An objective is to provide a liquid ejection head and a liquid ejection device that can achieve improvement in installability and ejection performance. A liquid ejection head according to an embodiment includes a piezoelectric member, a substrate, an electrode, and a support member. The piezoelectric member is formed of a piezoelectric material and includes a plurality of grooves and a plurality of piezoelectric elements arranged via the grooves. A wiring is formed on the substrate. The support member is arranged between the substrate and the piezoelectric elements and is formed of a resin material. The electrode is formed on a surface of the piezoelectric member.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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- [XAI] US 5631680 A 19970520 - SUGAHARA HIROTO [JP]
- [IA] EP 0678384 A1 19951025 - SEIKO EPSON CORP [JP]

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 ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA

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DOCDB simple family (publication)

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