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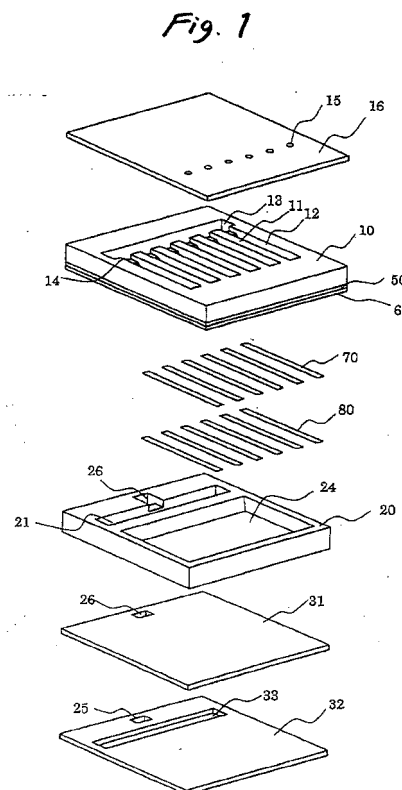
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(54) **Ink jet recording head and ink jet recording apparatus comprising the same**

(57) An ink jet recording head comprises a nozzle forming member (16) provided with a plurality of nozzle orifices (15) for jetting ink, a channel forming substrate (10) provided with a plurality of pressure generating chambers (12) communicated with the associated nozzle orifices (15), one face of which is bonded to the nozzle forming member (16), a plurality of piezoelectric elements (70) provided on an face of the channel forming substrate (10) which is opposed to the face bonded to the nozzle forming substrate (16) for causing pressure change to occur in the associated pressure generating chambers (12), and a reservoir forming member (20) bonded to the face of the channel forming substrate (10) on which the piezoelectric elements (70) are provided, the reservoir forming member (20) having a reservoir section (21) forming at least a part of a reservoir communicated with the pressure generating chambers (12) for supplying ink thereto and a piezoelectric element holding section (24) for defining a space in an area facing the piezoelectric elements (70) such an extent that motion of the respective piezoelectric elements (70) is exhibited while sealing the space hermetically.





European Patent
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EUROPEAN SEARCH REPORT

Application Number
EP 99 11 6295

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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 29 June 2001	Examiner Achermann, D
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			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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