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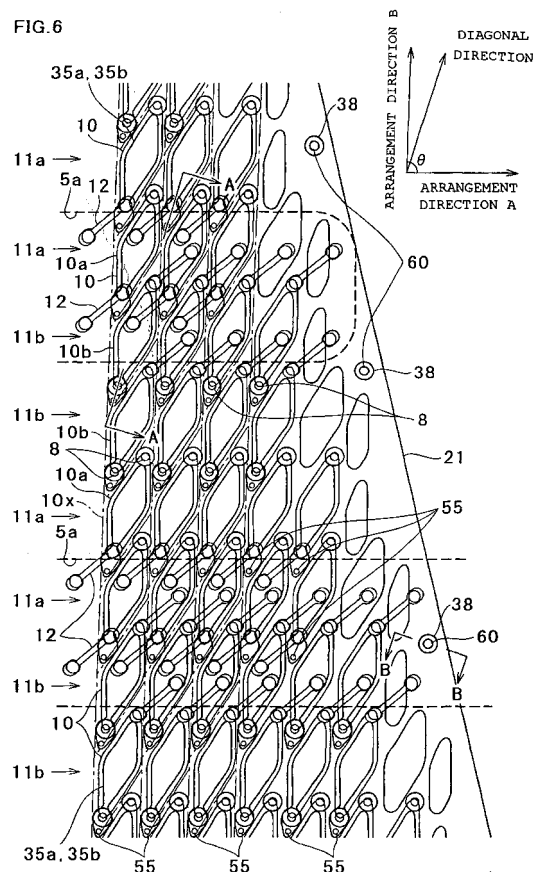
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(54) Ink-jet head and ink-jet printer having ink-jet head

(57) An ink-jet head includes a passage unit (4) comprising a plurality of pressure chambers (10) each connected with a nozzle (8) and arranged in a matrix in a plane to form a plurality of pressure chamber rows in a first direction in the plane, and a plurality of common ink passages (5a) each extending along the first direction and communicating with the pressure chambers. The pressure chamber rows include first pressure chamber rows (11a) each constituted by pressure chambers each connected with a nozzle deviated on one side thereof with respect to a second direction crossing the first direction, and second pressure chamber rows (11b) each constituted by pressure chambers each connected with a nozzle deviated on the other side thereof with respect to the second direction, when viewing from a third direction perpendicular to the plane. Each of the common ink passages including at least a boundary region between one of the first pressure chamber rows and one of the second pressure chamber rows neighboring each other so that nozzles connected with the pressure chambers in the each pressure chamber rows face outward each other when viewing from the third direction, and each of the common ink passages not overlapping any of the nozzles.





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EUROPEAN SEARCH REPORT

Application Number
EP 03 00 3697

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The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 5 September 2003	Examiner Bardet, M
<p>CATEGORY OF CITED DOCUMENTS</p> <p>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</p> <p>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</p>			

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