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(72) Inventors:
• **Aratsu, Shuichi**
Ota-ku, Tokyo (JP)
• **Hakkaku, Kunio c/o Fuji Photo Film Co. Ltd.**
Minato-ku, Tokyo (JP)

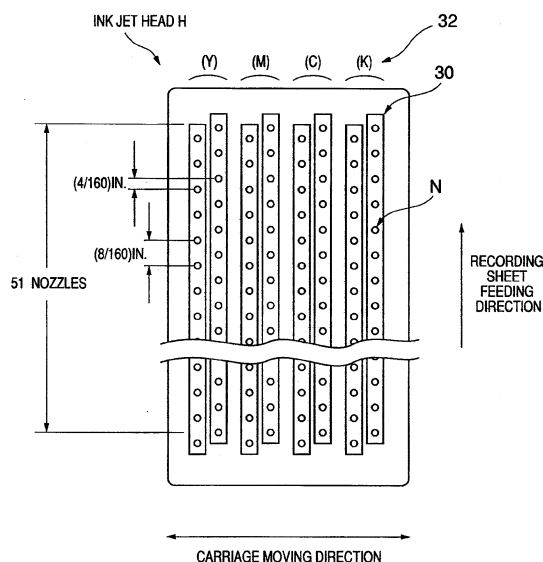
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(74) Representative:
Klunker . Schmitt-Nilson . Hirsch
Winzererstrasse 106
80797 München (DE)

(54) **Recording method in ink jet printer**

(57) An ink jet printer and its recording method. A control for varying a feeding pitch of a recording sheet and a control of ink ejecting of each nozzle are performed. On the condition that there is no common divisor between the number of nozzles n and a pitch interval between nozzles m and that a relationship of $n=pm+q$ ($p \geq 1, m \geq 2, 1 \leq q \leq m-1$) is satisfied, recording operation is performed as follows: after all $m \times n$ lines are recorded by one pitch feed, n pitch feed is performed while only the nozzles not overlapping the recorded lines are allowed to eject ink. After the n pitch feed is performed $m-1$ times, each n pitch feed is performed while all the nozzles are allowed to eject the ink. All the recorded lines are recorded without being overlapped or generating any gap. No non-recorded area is generated in a top end of the recording sheet. The effect use of recording sheet and the enlargement of recorded area can be realized. At the i -th ($1 \leq i \leq m-1$) n pitch feed, $[i \times n/m] + 1$ nozzles, represented by Gauss' notation, from the downstream side (terminal end) in the recording sheet feeding direction are allowed to eject the ink.

FIG.2



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EUROPEAN SEARCH REPORT

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EP 99 10 1491

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Place of search THE HAGUE		Date of completion of the search 13 December 1999	Examiner Papastefanou, E
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