

Title (en)

Ink jet recording apparatus and head gap retaining mechanism for use therein

Title (de)

Tintenstrahldrucker und zugehöriger Druckspalteinstellungsmechanismus des Druckkopfes

Title (fr)

Imprimante à jet d'encre et dispositif associé pour régler l'espacement de la tête d'impression

Publication

EP 0816109 A1 19980107 (EN)

Application

EP 97304272 A 19970618

Priority

JP 16634596 A 19960626

Abstract (en)

It is the object to convey a printing medium while ensuring a fixed gap distance between an ink jet head and the printing medium even when the constituent parts are not required to have a high machining precision and high assembling precision, and to maintain this state as it is for a long period of time. On a main body of a ink jet cartridge 101 or on a surface of a head carrier 109 for carrying the ink jet cartridge 101, which is located upstream in the feeding direction of paper, there is mounted a guide roller 111, whereby it is arranged that the guide roller 111 runs on the surface of a printing medium 103. Also, it is arranged that blades, sponge roller or the like for cleaning the outer-peripheral surface of the guide roller 111 is mounted on the ink jet cartridge. Further, when feeding the printing medium, the ink jet cartridge has been retracted to outside the printing medium. <IMAGE>

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CPC (source: EP)

B41J 25/308 (2013.01); **B41J 25/3082** (2013.01)

Citation (search report)

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- [Y] PATENT ABSTRACTS OF JAPAN vol. 016, no. 226 (M - 1254) 26 May 1992 (1992-05-26)
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