

Title (en)

Recording apparatus as well as recording unit and recording head for using same apparatus

Title (de)

Aufzeichnungsapparat sowie Aufzeichnungseinheit und Aufzeichnungskopf für denselben

Title (fr)

Appareil d'enregistrement ainsi qu'unité d'enregistrement et tête d'enregistrement à utiliser dans le même appareil

Publication

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Application

EP 97302780 A 19970423

Priority

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- JP 328097 A 19970110

Abstract (en)

In ink jet recording methods, the continuous type is high in recording speed but difficult to simplify the device due to restoration of unnecessary ink or the like, while the on-demand type is simplified in device structure but difficult to speed up recording rate. An recording apparatus employing a recording head structured by: having a head section formed by a transparent electrode 2a formed on a substrate, a photoconductive layer 4 formed on the transparent electrode 2a, and a means for supplying ink 6 onto the photoconductive layer 4, and an opposing electrode 1a, in this order; the means for supplying ink 6 and the opposing electrode 1a being arranged to have a gap sufficient for inserting a medium to be recorded therethrough; having a power supply 3 for applying voltage to between the transparent electrode 2a and the opposing electrode 1a, and a light irradiating means 5 for supplying light corresponding to a desired image pixel to the photoconductive layer, enabling high-precision and high-quality output printing of characters. <IMAGE>

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CPC (source: EP)

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