

Title (en)

Ink discharge detecting method for an ink jet recording apparatus

Title (de)

Tintenablagedetektionsverfahren für ein Tintenstrahlgerät

Title (fr)

Méthode pour détecter la décharge de l'encre pour appareil d'enregistrement à jet d'encre

Publication

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Application

EP 96201971 A 19930322

Priority

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- JP 1099593 A 19930126

Abstract (en)

An ink jet recording apparatus in which ink is discharged from a recording head (1). For checking discharge operation of the head (1), the head (1) is positioned by positioning means (2,32,10) opposite to a temperature sensor (16). Change in temperature sensed by the sensor (16) is monitored by a detecting circuit (31). As a means of improving detection sensitivity, the discharge from the head (1) is controlled by control means (21) so that a greater amount of ink is discharged for the checking mode. Either the droplet volume is increased or the number of droplets discharged per unit time is increased. In the case of a vertically aligned head (1), discharge ports in the upper part of the head (1) are selected. <IMAGE>

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Citation (search report)

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