

Title (en)

OPERATING METHOD TO IMPROVE THE PRINTING QUALITY OF A PRINTER

Publication

EP 0197300 B1 19900606 (DE)

Application

EP 86102874 A 19860305

Priority

DE 3507670 A 19850305

Abstract (en)

[origin: EP0197300A1] 1. A method of controlling and improving the printing quality of a printer, in particular an ink jet printer, wherein at least one ink jet (6) is produced by means of the voltage and frequency applied to an oscillator (5) through at least one nozzle (2) of a perforated plate (1) and, after a certain distance from the perforated plate (1), charged droplets (7) are released from the ink jet (6), the droplet breakaway distance (Sa) from the perforated plate (1) being optimally adjusted by regulation of the oscillator voltage, and the flight time of a droplet (7) from the droplet break-away point (8) to a charge detector (27) is measured, characterised in that the viscosity of the ink is regulated by observing the oscillator voltage and the droplet break-away distance (Sa).

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