

Title (en)

Print head for bubble jet printer

Title (de)

Druckkopf für eine mit Bläschen angetriebene Tintenstrahldruckvorrichtung

Title (fr)

Tête d'impression pour imprimante à projection d'encre par bulles

Publication

EP 0775580 A3 19971022 (EN)

Application

EP 96308587 A 19961127

Priority

- KR 19950043906 A 19951127
- KR 19960045118 A 19961010

Abstract (en)

[origin: EP0775580A2] A print head for a bubble jet printer which enables gray scale printing is provided. The print head includes a substrate having a predetermined ink chamber into which ink is supplied, a nozzle plate having a plurality of nozzles disposed above the substrate, a plurality of electrodes attached to the substrate, and a heat generating unit having a plurality of heat generating subunits corresponding to the nozzle and each connected to the plurality of electrodes. Therefore, the size of discharged ink bubbles is controlled by changing the area heated by the heat generating subunits. <IMAGE>

IPC 1-7

B41J 2/14; **B41J 2/05**

IPC 8 full level

B41J 2/05 (2006.01); **B41J 2/14** (2006.01); **B41J 2/16** (2006.01)

CPC (source: EP)

B41J 2/14072 (2013.01); **B41J 2/1412** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

DE FR GB IT NL

DOCDB simple family (publication)

EP 0775580 A2 19970528; **EP 0775580 A3 19971022**; JP H09164683 A 19970624

DOCDB simple family (application)

EP 96308587 A 19961127; JP 31078296 A 19961121