

Title (en)

INK-JET RECORDING APPARATUS AND TEMPERATURE CONTROL METHOD THEREFOR

Publication

EP 0418818 A3 19910529 (EN)

Application

EP 90117934 A 19900918

Priority

- JP 24105889 A 19890918
- JP 9409190 A 19900411
- JP 9597490 A 19900411
- JP 20890890 A 19900806
- JP 24048190 A 19900911

Abstract (en)

[origin: EP0418818A2] An ink-jet recording apparatus for discharging an ink droplet from a recording head (2) to perform recording includes a heating element array (13) for heating the recording head, a temperature sensor (8) for measuring an ambient temperature, a timer for measuring a time associated with a temperature variation of the recording head (2) during a recording operation, and a control unit for controlling an energy supplied to the heating element array (13) on the basis of the ambient temperature measured by the temperature sensor (8) and the time measured by the timer.

IPC 1-7

B41J 2/05

IPC 8 full level

B41J 2/05 (2006.01); **B41J 2/195** (2006.01)

CPC (source: EP)

B41J 2/04528 (2013.01); **B41J 2/04553** (2013.01); **B41J 2/0458** (2013.01); **B41J 2/04591** (2013.01); **B41J 2/195** (2013.01);
B41J 2002/14362 (2013.01); **B41J 2002/14379** (2013.01)

Cited by

EP0795405A3; EP0505154A3; US5559535A; US5946007A; EP0605207A1; US6109718A; EP0876917A3; US6193344B1; EP0526223A3;
US5745132A; US5751304A; US6116709A; US6139125A; EP0838332A3; EP0838333A3; EP0838334A3

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

EP 0418818 A2 19910327; EP 0418818 A3 19910529; EP 0418818 B1 19980415; AT E165048 T1 19980515; AU 6263590 A 19910502;
AU 635770 B2 19930401; CA 2025506 A1 19910319; CA 2025506 C 19950228; CN 1051884 A 19910605; CN 1064598 C 20010418;
CN 1191931 C 20050309; CN 1359798 A 20020724; DE 69032238 D1 19980520; DE 69032238 T2 19981015; SG 44735 A1 19971219;
SG 84552 A1 20011120

DOCDB simple family (application)

EP 90117934 A 19900918; AT 90117934 T 19900918; AU 6263590 A 19900918; CA 2025506 A 19900917; CN 00104150 A 20000322;
CN 90108978 A 19900918; DE 69032238 T 19900918; SG 1996006577 A 19900918; SG 1999004923 A 19900918