

Europäisches Patentamt European Patent Office Office européen des brevets



(11) **EP 1 279 506 A8**

(12) CORRECTED EUROPEAN PATENT APPLICATION

Note: Bibliography reflects the latest situation

(15) Correction information:

Corrected version no 1 (W1 A1)

INID code(s) 72

(51) Int CI.7: **B41J 2/165**

(48) Corrigendum issued on: **07.05.2003 Bulletin 2003/19**

(43) Date of publication: **29.01.2003 Bulletin 2003/05**

(21) Application number: 02023083.5

(22) Date of filing: 08.06.2001

(84) Designated Contracting States:

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

Designated Extension States:

AL LT LV MK RO SI

(30) Priority: 09.06.2000 JP 2000173017

(62) Document number(s) of the earlier application(s) in accordance with Art. 76 EPC: 01112983.0 / 1 162 069

(71) Applicant: SEIKO EPSON CORPORATION Shinjuku-ku, Tokyo (JP)

(72) Inventors:

 Mitsuzawa, Toyohiko Suwa-shi, Nagano-ken 392-8502 (JP)

 Komatsu, Katsuhiro Suwa-shi, Nagano-ken 392-8502 (JP)

(74) Representative: HOFFMANN - EITLE
Patent- und Rechtsanwälte
Arabellastrasse 4
81925 München (DE)

Remarks:

This application was filed on 17 - 10 - 2002 as a divisional application to the application mentioned under INID code 62.

(54) Flushing control method used in an ink jet recording apparatus

(57)In a flushing control method for an ink jet recording apparatus comprising an ink jet recording head provided with a nozzle formation face on which nozzle orifices for ejecting ink drops in accordance with print data are formed; a capping member which seals the nozzle formation face, the capping member having an inner space formed with a bottom; and an ink absorbing member provided on the bottom of the inner space of the capping member; the following steps are carried out: counting an accumulated number of ink drops ejected; judging whether the accumulated number reaches a predetermined value; performing an idle suction, in which a part of ink absorbed in the ink absorbing member is sucked while the capping member is separated from the nozzle formation face, when the accumulated number reaches a predetermined value; and resetting the accumulated number when the idle suction is performed.

