

Title (en)
Image recording method and apparatus using the same

Title (de)
Bildaufzeichnungsverfahren und Vorrichtung zu dessen Verwendung

Title (fr)
Procédé d'enregistrement d'image et appareil utilisant ce procédé

Publication
EP 0730963 A2 19960911 (EN)

Application
EP 96103588 A 19960307

Priority
• JP 4977895 A 19950309
• JP 23248495 A 19950911

Abstract (en)
Powder ink (Ip) is heated and vaporized by a heating apparatus (2). The vaporized ink (lpg) is charged by a charging electrode (3) and attracted toward a recording medium (RM) by a back electrode (5). An electric field shutter (4) controls passage of the gaseous ink (lpg) through an ejection hole in accordance with an output signal of a control unit (6), and the gaseous ink (lpg) is intermittently ejected to the recording medium (RM) in accordance with an electric signal corresponding to an image data to be recorded. As a result, the ink (lpg) is efficiently utilized and running cost is reduced. <IMAGE>

IPC 1-7
B41J 2/06

IPC 8 full level
B41J 2/01 (2006.01); **B41J 2/06** (2006.01); **B41J 2/325** (2006.01); **B41M 5/00** (2006.01)

CPC (source: EP)
B41J 2/06 (2013.01); **B41J 2002/061** (2013.01)

Cited by
EP0791457A3; US5835114A

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
EP 0730963 A2 19960911; **EP 0730963 A3 19970813**; JP H08300803 A 19961119

DOCDB simple family (application)
EP 96103588 A 19960307; JP 23248495 A 19950911