

Title (en)
INK-JET RECORDER

Title (de)
TINTENSTRAHLAUFZEICHNUNGSGERÄT

Title (fr)
DISPOSITIF D'ENREGISTREMENT PAR JET D'ENCRE

Publication
EP 1112846 A4 20011212 (EN)

Application
EP 99943212 A 19990908

Priority
• JP 9904870 W 19990908
• JP 25783398 A 19980911

Abstract (en)
[origin: EP1112846A1] The present invention has a head section for printing data by circulating the ink obtained by dispersing a color agent in a solvent through an ink channel, applying a voltage to an ejection electrode and thereby cohering the color agent, and ejecting the color agent and controls dot gradation by cohering a predetermined color agent when the color agent is cohered immediately before the ink is ejected. Thereby, it is possible to provide an ink-jet recorder from which a very reliable and minute print image is obtained. <IMAGE>

IPC 1-7
B41J 2/06; **B41J 2/205**

IPC 8 full level
B41J 2/06 (2006.01); **B41J 2/115** (2006.01); **B41J 2/18** (2006.01); **B41J 2/205** (2006.01); **B41J 2/21** (2006.01)

CPC (source: EP KR)
B41J 2/04541 (2013.01 - KR); **B41J 2/04576** (2013.01 - KR); **B41J 2/04588** (2013.01 - KR); **B41J 2/06** (2013.01 - EP KR); **B41J 2/18** (2013.01 - EP KR); **B41J 2/211** (2013.01 - EP KR); **B41J 2002/061** (2013.01 - EP KR)

Citation (search report)
• [XA] EP 0703081 A2 19960327 - TOSHIBA KK [JP]
• [X] JP H09193392 A 19970729 - TOSHIBA CORP & US 6123415 A 20000926 - NAGATO HITOSHI [JP], et al
• See references of WO 0015439A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 1112846 A1 20010704; **EP 1112846 A4 20011212**; CA 2343162 A1 20000323; JP 2000085131 A 20000328; KR 20010073005 A 20010731; WO 0015439 A1 20000323

DOCDB simple family (application)
EP 99943212 A 19990908; CA 2343162 A 19990908; JP 25783398 A 19980911; JP 9904870 W 19990908; KR 20017002465 A 20010226