

Title (en)
Ink jet recorder

Title (de)
Tintenstrahlaufzeichnungsgerät

Title (fr)
Imprimante jet d'encre

Publication
EP 1695828 A1 20060830 (EN)

Application
EP 06250857 A 20060217

Priority
JP 2005051200 A 20050225

Abstract (en)
An ink jet recorder of the present invention provides an apparatus in which an ink drip from a nozzle plate is prevented, deterioration of image quality is suppressed, and damage to the nozzle plate is prevented. An ink jet recorder for performing recording by an ink jet head on a medium to be recorded is constructed by including a hydrophilic nozzle plate 4, an ink absorber 5 which absorbs ink, an absorber holding board 6, pressurizing means for supplying ink to the ink jet head, and a cap 9 which sucks ink in the ink absorber. Thus, ink is prevented from staying in the vicinity of nozzles, and the nozzle plate is prevented from being directly damaged, so it is possible to provide an ink jet recorder in which deterioration of image quality is prevented.

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Citation (applicant)
JP 2004230745 A 20040819 - HITACHI PRINTING SOLUTIONS LTD

Citation (search report)
• [X] JP 2004230745 A 20040819 - HITACHI PRINTING SOLUTIONS LTD
• [A] JP H03164263 A 19910716 - CANON KK
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• [A] US 2002134305 A1 20020926 - MIKI MOTOHARU [JP], et al
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Designated contracting state (EPC)
ES IT

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EP 1695828 A1 20060830; **EP 1695828 B1 20100519**; CN 1827381 A 20060906; CN 1827381 B 20100616; ES 2341879 T3 20100629; JP 2006231772 A 20060907; JP 4570985 B2 20101027

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