

Title (en)

IMPROVED CLEANING MEMBER FOR INK JET HEAD AND INK JET DEVICE PROVIDED WITH SAID CLEANING MEMBER

Title (de)

SÄUBERUNGSGLIED FÜR EINEN TINTENSTRAHLKOPF UND MIT SOLCHEM SÄUBERUNGSGLIED AUSGESTATTETES TINTENSTRAHLGERÄT

Title (fr)

ELEMENT DE NETTOYAGE AMELIORE POUR TETE DE JET D'ENCRE ET DISPOSITIF A JET D'ENCRE EQUIPE D'UN TEL ELEMENT DE NETTOYAGE

Publication

EP 0562118 B1 19980304 (EN)

Application

EP 92919537 A 19920911

Priority

- JP 9201163 W 19920911
- JP 23191291 A 19910911
- JP 23191191 A 19910911

Abstract (en)

[origin: EP0562118A1] This invention relates to a cleaning member for removing deposit on the spouting port surface of an ink jet head. An object of this invention is to provide a cleaning blade for ink jetting, which is free of uneven wear caused by chipping of the cleaning blade and the like even after repeatedly cleaning for a long time and ensures constantly satisfactory cleaning for a long time. Another object is to improve water-repellency of the cleaning blade composed of a resilient member to provide clearer separation of ink from the blade. A constituent of this invention for achieving these objects is as follows: (1) cleaning member is composed of ether family polyurethane rubber resilient body and the constituent of hardening agent of said resilient body is composed of only two functional components; (2) preferably, a water-repellency applying substance having active radicals capable of chemical bonding to said polyurethane rubber is contained. <IMAGE>

IPC 1-7

B41J 2/165

IPC 8 full level

B41J 2/165 (2006.01)

CPC (source: EP)

B41J 2/16538 (2013.01)

Cited by

US5606354A; EP1090761A3; EP0720913A3; EP1090764A1; EP0988975A3; US6364449B1; WO2022010457A1

Designated contracting state (EPC)

DE FR GB IT NL

DOCDB simple family (publication)

EP 0562118 A1 19930929; EP 0562118 A4 19940126; EP 0562118 B1 19980304; DE 69224618 D1 19980409; DE 69224618 T2 19980716; WO 9304866 A1 19930318

DOCDB simple family (application)

EP 92919537 A 19920911; DE 69224618 T 19920911; JP 9201163 W 19920911