

Title (en)
Electrostatic ink jet recording head

Title (de)
Elektrostatischer Tintenstrahldruckkopf

Title (fr)
Tête d'impression électrostatique

Publication
EP 0899105 A2 19990303 (EN)

Application
EP 98113591 A 19980721

Priority
JP 19576797 A 19970722

Abstract (en)
An Electrostatic ink jet recording head (10) comprising: a jet member (20) having an ink jet terminal (22) that projects towards recording paper (41) that is fed thereto; an ink supply path (61) for feeding ink (50) containing toner to said ink jet terminal (22); a recording electrode (31) that causes the ink drop (51) from said ink jet terminal (22) to fly towards said recording paper (41); and a control electrode (64) that attracts said toner and is arranged between said ink jet terminal (22) and said recording paper (41). <IMAGE>

IPC 1-7
B41J 2/06

IPC 8 full level
B41J 2/06 (2006.01); **B41J 2/16** (2006.01)

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

Citation (applicant)
• WO 9311866 A1 19930624 - AUSTRALIA RES LAB [AU]
• JP H09195767 A 19970729 - TOYOTA MOTOR CORP

Cited by
EP1705010A3; US7559625B2

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
EP 0899105 A2 19990303; EP 0899105 A3 19991124; EP 0899105 B1 20030528; DE 69815000 D1 20030703; DE 69815000 T2 20031204;
JP 2937955 B2 19990823; JP H1134338 A 19990209

DOCDB simple family (application)
EP 98113591 A 19980721; DE 69815000 T 19980721; JP 19576797 A 19970722