

Title (en)  
Ink jet printhead

Title (de)  
Tintenstrahldruckkopf

Title (fr)  
Tête d'imprimante à jet d'encre

Publication  
**EP 0709194 B1 19990210 (EN)**

Application  
**EP 95307233 A 19951012**

Priority  
GB 9421389 A 19941024

Abstract (en)  
[origin: EP0709194A1] An ink jet printhead comprises a housing (1) having a chamber (2) to which ink is supplied in use and a row of orifices through which droplets are ejected in use under the action of an actuator (5,6,9) bounding a portion of the chamber. The actuator (5,6,9) comprises a (6) body having a plurality of sockets (8), a membrane (5) or membranes disposed so as to close one side of each of the sockets (8), and a piezoelectric or electrostrictive transducer (9) disposed within each socket (8) and mounted on the membrane (5) closing the one side of the socket (8). <IMAGE>

IPC 1-7  
**B41J 2/025**

IPC 8 full level  
**B41J 2/045** (2006.01); **B41J 2/025** (2006.01); **B41J 2/055** (2006.01)

CPC (source: EP)  
**B41J 2/025** (2013.01)

Citation (examination)  
• EP 0275211 A2 19880720 - XEROX CORP [US]  
• EP 0084891 A2 19830803 - TMC CO [US]

Cited by  
US6254224B1; US6883899B2; WO0234526A1

Designated contracting state (EPC)  
DE FR GB

DOCDB simple family (publication)  
**EP 0709194 A1 19960501**; **EP 0709194 B1 19990210**; DE 69507762 D1 19990325; DE 69507762 T2 19990701; GB 9421389 D0 19941207; JP H08207276 A 19960813

DOCDB simple family (application)  
**EP 95307233 A 19951012**; DE 69507762 T 19951012; GB 9421389 A 19941024; JP 29350495 A 19951017