

Title (en)  
Continuous ink jet print head

Title (de)  
Kontinuierlich arbeitender Farbstrahldruckkopf

Title (fr)  
Tête d'impression par jet d'encre continu

Publication  
**EP 0813974 B1 20030312 (EN)**

Application  
**EP 97304185 A 19970616**

Priority  
US 66556396 A 19960618

Abstract (en)  
[origin: EP0813974A2] A larger print width print head apparatus for an ink jet printer comprises a droplet generating means and a means for providing fluid to the droplet generating means. The apparatus further comprises a means for charging and collecting drops from the droplet generating means and a means for providing data signals to the means for charging and collecting drops. The apparatus further comprises a two-member housing means containing the print head apparatus with removable ink jet components so that failed ink jet components can be returned to a central refurbishment center without sending all the associated electronics. <IMAGE>

IPC 1-7  
**B41J 29/02**; B41J 25/34; B41J 2/08; B41J 2/155

IPC 8 full level  
**B41J 2/01** (2006.01); **B41J 2/045** (2006.01); **B41J 2/055** (2006.01); **B41J 2/085** (2006.01); **B41J 2/175** (2006.01); **B41J 29/02** (2006.01)

CPC (source: EP)  
**B41J 2/085** (2013.01); **B41J 2/175** (2013.01); **B41J 29/02** (2013.01)

Cited by  
EP1403048A1; EP1312475A1; EP1013458A3; EP1095778A3; FR2845943A1; EP1013439A3; US6082854A; US8425018B2; US10071559B2; US8523334B2; US8439489B2; WO9947356A1; WO2004037544A1; US9975326B2; US10414155B2; US6493937B1; US9770906B2; US8408684B2; US8613501B2; US9393800B2

Designated contracting state (EPC)  
DE FR GB

DOCDB simple family (publication)  
**EP 0813974 A2 19971229**; **EP 0813974 A3 19990616**; **EP 0813974 B1 20030312**; AU 2493397 A 19980108; AU 733378 B2 20010510; CA 2207800 A1 19971218; DE 69719607 D1 20030417; DE 69719607 T2 20040212; JP H1052910 A 19980224

DOCDB simple family (application)  
**EP 97304185 A 19970616**; AU 2493397 A 19970617; CA 2207800 A 19970617; DE 69719607 T 19970616; JP 16107897 A 19970618