

Title (en)  
Printer with detachable printhead

Title (de)  
Drucker mit abnehmbarem Druckkopf

Title (fr)  
Imprimante avec tête d'impression amovible

Publication  
**EP 1676706 A1 20060705 (EN)**

Application  
**EP 05112666 A 20051221**

Priority  
• EP 04107045 A 20041229  
• EP 05112666 A 20051221

Abstract (en)  
A printer having a printhead (10) that is detachably mounted on a support plate (12) and is held thereon at two rigid support points (20, 22) located on a first side of the printhead, and one elastic support point (24) located on a second side of the printhead opposite to said first side, wherein each of the support points (20, 22, 24) is formed by a first part on the side of the printhead and a second part on the side of the support plate, and one of the first and second parts is a spherical surface (26, 32) engaged in a recess (28, 30, 34) of the other of the first and second parts in a self-centered manner wherein the second part of the elastic support point (24) has the spherical surface and is formed by a bead or ball (32) fixed on a wire (36), and the wire (36) is elastically biased toward the recess (34), so that the elastic support point (24) biases the printhead (10) towards said first side of the printhead and can be released, by lifting the wire, for detaching the printhead.

IPC 8 full level  
**B41J 2/175** (2006.01)

CPC (source: EP)  
**B41J 2/1752** (2013.01)

Citation (applicant)  
EP 0791461 A2 19970827 - SCITEX DIGITAL PRINTING INC [US]

Citation (search report)  
• [A] EP 0791461 A2 19970827 - SCITEX DIGITAL PRINTING INC [US]  
• [A] US 5212502 A 19930518 - BOWLING BRUCE A [US]  
• [A] US 5317339 A 19940531 - BRAUN HILARION [US], et al

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 1676706 A1 20060705; EP 1676706 B1 20091028**

DOCDB simple family (application)  
**EP 05112666 A 20051221**