

Title (en)

ARRANGEMENT FOR THE FIXING AND THE CONNECTING OF PIEZOELECTRICAL DRIVE ELEMENTS IN THE PRINT HEAD OF AN INK JET PRINTER

Publication

EP 0164445 A3 19860521 (DE)

Application

EP 84115418 A 19841214

Priority

DE 3418202 A 19840516

Abstract (en)

[origin: US4584591A] For fastening and connecting tubular piezoelectric driving elements in the write heads of ink writing devices, contact clips are provided, arranged on a circuit board, and presented connector banks, into which the piezoelectric driving elements can be snapped. Several circuit boards can be plugged into a mother board. The mother board, equipped with circuit boards and connectors which are wave-soldered to the mother board constitute a piezo-tubular bundle.

IPC 1-7

B41J 3/04

IPC 8 full level

B41J 2/16 (2006.01); **B41J 2/14** (2006.01)

CPC (source: EP US)

B41J 2/1429 (2013.01 - EP US)

Citation (search report)

- [A] US 4430594 A 19840207 - BORK KLAUS [DE], et al
- [A] DE 2740773 A1 19790315 - SIEMENS AG
- [A] US 4385304 A 19830524 - SNIDERMAN ALBERT
- [A] FR 2326059 A1 19770422 - SIEMENS AG [DE]
- [A] US 4356499 A 19821026 - KODAMA YUTAKA

Designated contracting state (EPC)

DE IT NL SE

DOCDB simple family (publication)

EP 0164445 A2 19851218; EP 0164445 A3 19860521; EP 0164445 B1 19890426; DE 3477902 D1 19890601; JP S60259460 A 19851221; US 4584591 A 19860422

DOCDB simple family (application)

EP 84115418 A 19841214; DE 3477902 T 19841214; JP 10165885 A 19850515; US 71861285 A 19850401