

Title (en)

Multi-colour print head for an ink jet printer.

Title (de)

Mehrfarben-Druckkopf für Tintenstrahldrucker.

Title (fr)

Tête d'impression multicolore pour imprimante par jet d'encre.

Publication

EP 0672527 A3 19970416 (DE)

Application

EP 94810475 A 19940817

Priority

CH 77494 A 19940316

Abstract (en)

[origin: EP0672527A2] The print head contains a housing (2) with several receptacle chambers (5) in which ink cartridges (4) with inks of different colours are placed so as to be individually replaceable. Each cartridge has an air vent (7). A pump arrangement (15) sets up an additional pressure at the air vents of inserted cartridges. Alternatively, a replaceable cartridge with several chambers for different coloured inks is placed in a housing. Each chamber has an air vent to which the pump arrangement applies an additional pressure. A single pump element can communicate with every air vent.

IPC 1-7

B41J 2/175

IPC 8 full level

B41J 2/175 (2006.01)

CPC (source: EP US)

B41J 2/17506 (2013.01 - EP US)

Citation (search report)

- [DYA] EP 0560729 A2 19930915 - BUETTNER AG FRANZ [CH]
- [Y] US 4771295 A 19880913 - BAKER JEFFREY P [US], et al
- [A] US 4785314 A 19881115 - TERASAWA KOJI [JP], et al

Cited by

EP0783434A4; EP0778147A3; EP0778144A1; US5721576A; EP0778143A1; US5900896A; US5933173A; EP0778146A1; US5856839A; US6145974A; WO9715449A1; WO9747475A1

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