

Title (en)

Ink supplying device and ink jet recording apparatus using the same.

Title (de)

Tintenversorgungsvorrichtung und zugehöriges Tintenstrahlaufzeichnungsgerät.

Title (fr)

Dispositif d'alimentation en encre et appareil d'enregistrement à jet d'encre utilisant un même dispositif.

Publication

**EP 0684139 A1 19951129 (EN)**

Application

**EP 95110640 A 19910213**

Priority

- EP 91102045 A 19910213
- JP 3170490 A 19900213
- JP 3171590 A 19900213
- JP 3173190 A 19900213
- JP 3173590 A 19900213
- JP 1993991 A 19910213

Abstract (en)

An ink cartridge adapted to be loaded detachably to an ink jet recording apparatus for preforming a recording on a recording medium by discharging ink comprises an ink tank for accommodating ink therein, leading-out means for leading out ink within said ink tank to the outside, said leading-out means being provided on said ink tank, and a frame for supporting displaceably said ink tank on which said leading-out means is provided. Also, an ink jet recording apparatus for preforming a recording on a recording medium (1) comprises a recording head (38) for discharging ink from a discharge port to carry out the recording on the recording medium (1), a loading part for loading therein an ink cartridge, said loading part having an ink tank for accommodating ink therein, leading-out means for leading out ink within said ink tank to the outside, said leading-out means being provided on said ink tank and a frame for supporting displaceably said ink tank on which said leading-out means is provided, and ink supplying means (G) for supplying ink to said recording head (38) by coupling to the lead-out means of said ink cartridge which is loaded in said loading part.

IPC 1-7

**B41J 2/19**; **B41J 2/175**

IPC 8 full level

**B41J 2/165** (2006.01); **B41J 2/175** (2006.01)

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Citation (applicant)

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- JP S60137658 A 19850722 - CANON KK
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- US 4723129 A 19880202 - ENDO ICHIRO [JP], et al
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- JP S59138461 A 19840808 - CANON KK

Citation (search report)

- [A] PATENT ABSTRACTS OF JAPAN vol. 3, no. 159 (E - 162) 27 December 1979 (1979-12-27)
- [A] PATENT ABSTRACTS OF JAPAN vol. 3, no. 159 (E - 162) 27 December 1979 (1979-12-27)

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EP0997286A1; US5844580A; EP0913262A1; US5844579A; EP0778141A1; EP0860283A1; US5984452A; US6305778B1

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