

Title (en)

Refillable ink-jet cartridge for ink-jet printer

Title (de)

Tintennachfüllpatrone für Tintenstrahldrucker

Title (fr)

Cartouche à jet d'encre rechargeable pour imprimante à jet d'encre

Publication

**EP 0841171 A3 19980812 (DE)**

Application

**EP 97118677 A 19971028**

Priority

DE 29619296 U 19961107

Abstract (en)

[origin: US5813339A] A refilling cartridge is provided for refilling a jet printer cartridge with ink. The refilling cartridge includes a housing for a foil pouch refilling chamber and a hollow needle projecting from the housing. A rubber elastic sealing element is provided at a free end of the needle to be selectively penetrated by the needed. The sealing element is secured by a movable retaining element that shields the hollow needed and is movable in a lengthwise direction of the hollow needle to selectively expose the free end of the hollow needle. A spring element holds the retaining element in a position where the sealing element seals the open end of the needle and releasable locking elements are provided for the retaining element.

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**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)

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- [A] EP 0496642 A2 19920729 - CANON KK [JP]
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- [A] EP 0707970 A2 19960424 - SERCOMP CORP [US]
- [A] PATENT ABSTRACTS OF JAPAN vol. 095, no. 010 30 November 1995 (1995-11-30)

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