



(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:  
**16.05.2007 Bulletin 2007/20**

(51) Int Cl.:  
**B41J 2/175<sup>(2006.01)</sup>**

(43) Date of publication A2:  
**11.04.2007 Bulletin 2007/15**

(21) Application number: **06012968.1**

(22) Date of filing: **23.06.2006**

(84) Designated Contracting States:  
**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**  
Designated Extension States:  
**AL BA HR MK YU**

(30) Priority: **09.03.2006 JP 2006064867**  
**28.11.2005 JP 2005342697**  
**28.12.2005 JP 2005377987**  
**29.09.2005 JP 2005284646**  
**23.03.2006 JP 2006081806**

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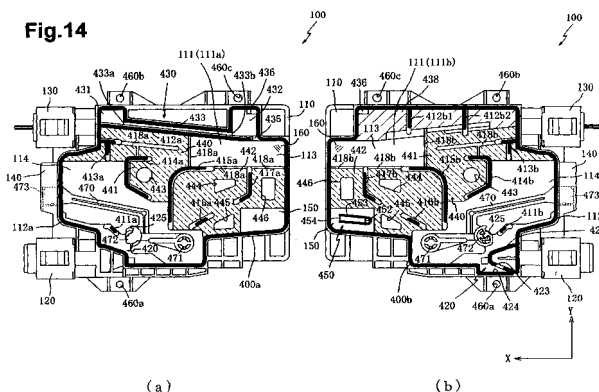
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(54) **Ink Cartridge**

(57) An ink cartridge for use in an ink jet recording apparatus is provided. The ink cartridge is structured to be horizontally inserted into an ink jet recording apparatus in a mounting direction and comprises: an ink supplying part arranged on the front surface of the ink cartridge in the mounting direction for supplying ink from the ink cartridge to an ink jet recording apparatus and an irradiated part arranged on the front surface of the ink

cartridge with the irradiated portion structured to be placed between two portions of an optical sensor of the inkjet recording apparatus. The irradiated part is arranged above the ink supplying part, when the ink cartridge is in a mounting orientation, and the irradiated part comprises a pair of opposing surfaces for facing the two portions of the optical sensor, the opposing surfaces extending substantially vertically, when the ink cartridge is in the mounting orientation.

**Fig.14**





European Patent  
Office

# EUROPEAN SEARCH REPORT

Application Number  
EP 06 01 2968

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
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			TECHNICAL FIELDS SEARCHED (IPC)
			B41J
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 20 March 2007	Examiner De Groot, Ronald
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ..... &amp; : member of the same patent family, corresponding document</p>			

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EPO FORM 1503 03.82 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT  
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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.  
The members are as contained in the European Patent Office EDP file on  
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20-03-2007

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