

Title (en)

Ink cartridge, set of ink cartridges and ink jet recording system

Title (de)

Tintenpatrone, Satz von Tintenpatronen und Tintenstrahlaufzeichnungssystem

Title (fr)

Cartouche d'encre, ensemble de cartouches d'encre et système d'enregistrement à jet d'encre

Publication

EP 1772274 B2 20110525 (EN)

Application

EP 06012996 A 20060623

Priority

- JP 2006064973 A 20060309
- JP 2005342697 A 20051128
- JP 2005377987 A 20051228
- JP 2005284646 A 20050929
- JP 2006081806 A 20060323

Abstract (en)

[origin: EP1772274A2] An ink cartridge for use in an ink jet recording apparatus which is structured to be horizontally mountable to an accommodation portion of an ink jet recording apparatus in a mounting direction is provided. A first penetration opening is provided in a front surface in the mounting direction through which an ink supplying part for supplying ink to an ink jet recording apparatus from an ink storing chamber provided in the cartridge is exposed to the outside of the cartridge and a second penetration opening is provided in the front surface through which a detected part configured to be detected by a sensor provided in the ink jet recording apparatus is exposed to the outside of the cartridge, and the first penetration opening and the second penetration opening are both arranged offset from the center in an alignment direction extending perpendicular to the mounting direction.

IPC 8 full level

B41J 2/175 (2006.01)

CPC (source: EP)

B41J 2/1752 (2013.01); **B41J 2/17566** (2013.01)

Citation (opposition)

Opponent :

- WO 9000971 A1 19900208 - SIEMENS AG [DE]
- EP 1122073 A2 20010808 - SEIKO EPSON CORP [JP]

Cited by

FR3047924A1; EP2399748A4; DE102010024065A1; EP2397331A1; US8534813B2

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 1772274 A2 20070411; **EP 1772274 A3 20070516**; **EP 1772274 B1 20080813**; **EP 1772274 B2 20110525**; AT E404376 T1 20080815; DE 602006002216 D1 20080925; WO 2007037451 A1 20070405; WO 2007037451 A9 20070524

DOCDB simple family (application)

EP 06012996 A 20060623; AT 06012996 T 20060623; DE 602006002216 T 20060623; JP 2006319619 W 20060925