

Title (en)
Ink cartridge and recording apparatus

Title (de)
Tintenpatrone und Aufzeichnungsvorrichtung

Title (fr)
Cartouche d'encre et appareil d'enregistrement

Publication
EP 2505363 A3 20121121 (EN)

Application
EP 11160393 A 20110330

Priority
EP 11160393 A 20110330

Abstract (en)
[origin: EP2505363A2] There is provided an ink cartridge including a body, a particular interface and an engagement portion. The body has a front side at which an ink supply portion is located for supplying ink stored in an ink chamber to an exterior of the ink chamber, and a rear side located to face the front side. The particular interface is positioned substantially adjacent to the ink supply portion at the front side, wherein the particular interface is configured to be biased by a biasing member in a specific direction. The engagement portion is configured to be engaged with a locking section of a cartridge installation portion for retaining the body in an installed state.

IPC 8 full level
B41J 2/175 (2006.01)

CPC (source: EP)
B41J 2/17513 (2013.01); **B41J 2/1752** (2013.01); **B41J 2/17553** (2013.01)

Citation (search report)

- [XY] EP 2233301 A1 20100929 - BROTHER IND LTD [JP]
- [X] US 2008239036 A1 20081002 - HATTORI SHINGO [JP]
- [X] WO 9855320 A1 19981210 - HEWLETT PACKARD CO [US]
- [X] EP 1790480 A1 20070530 - BROTHER IND LTD [JP]
- [X] US 2010085404 A1 20100408 - AKIYAMA TOMOYUKI [JP]
- [X] EP 0412459 A2 19910213 - CANON KK [JP]
- [X] EP 1839873 A1 20071003 - BROTHER IND LTD [JP]
- [I] EP 2080620 A1 20090722 - SEIKO EPSON CORP [JP]
- [X] US 6767075 B1 20040727 - TAKADA SHINGO [JP], et al
- [Y] US 2009141106 A1 20090604 - TAKAGI YUKI [JP]
- [A] EP 1352748 A1 20031015 - CANON KK [JP]
- [A] US 2009251515 A1 20091008 - ZHOU GUI-HONG [CN], et al

Cited by
CN110077116A; CN107878032A; JP2017094634A; US10940692B2; US11707934B2

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
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DOCDB simple family (application)
EP 11160393 A 20110330; EP 15172994 A 20110330; EP 15172999 A 20110330