

Title (en)

Printing fluid cartridge and printing apparatus

Title (de)

DRUCKFLÜSSIGKEITSPATRONE UND DRUCKVORRICHTUNG

Title (fr)

CARTOUCHE DE LIQUIDE D'IMPRESSION ET APPAREIL D'IMPRESSION

Publication

EP 2910378 A3 20160608 (EN)

Application

EP 15161567 A 20111222

Priority

- EP 15161567 A 20111222
- EP 14180956 A 20111222
- EP 11195233 A 20111222

Abstract (en)

[origin: EP2607081A1] A printing fluid cartridge is configured to be inserted into a cartridge mounting portion in an insertion direction against a biasing force in a removal direction opposite the insertion direction. The printing fluid cartridge includes a front face oriented toward the insertion direction when the printing fluid cartridge is inserted into the cartridge mounting direction, a rear face positioned opposite the front face with respect to the insertion direction, an electrical interface positioned between the front face and the rear face, and an engagement portion for retaining the printing fluid cartridge in the cartridge mounting portion against the biasing force.

IPC 8 full level

B41J 2/175 (2006.01)

CPC (source: EP)

B41J 2/17513 (2013.01); **B41J 2/1752** (2013.01); **B41J 2/17523** (2013.01); **B41J 2/17526** (2013.01); **B41J 2/1753** (2013.01); **B41J 2/17546** (2013.01); **B41J 2/17553** (2013.01); **B41J 2/17566** (2013.01)

Citation (search report)

- [X] EP 1512536 A1 20050309 - SEIKO EPSON CORP [JP]
- [X] JP 2005007893 A 20050113 - SEIKO EPSON CORP
- [X] EP 1348559 A2 20031001 - SEIKO EPSON CORP [JP]
- [X] WO 9855318 A1 19981210 - HEWLETT PACKARD CO [US], et al
- [X] EP 1234675 A2 20020828 - CANON KK [JP]
- [X] US 2010277555 A1 20101104 - KATOH TOMOMI [JP], et al
- [X] EP 0713778 A2 19960529 - LEXMARK INT INC [US]
- [X] EP 0778145 A1 19970611 - HEWLETT PACKARD CO [US]
- [X] US 2007139495 A1 20070621 - HATTORI SHINGO [JP], et al
- [X] EP 1164025 A1 20011219 - SEIKO EPSON CORP [JP]

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

DOCDB simple family (publication)

EP 2607081 A1 20130626; **EP 2607081 B1 20140924**; DK 2607081 T3 20141027; EP 2803491 A2 20141119; EP 2803491 A3 20160525; EP 2803491 B1 20190501; EP 2910378 A2 20150826; EP 2910378 A3 20160608; EP 2910378 B1 20190828; ES 2509944 T3 20141020; PL 2607081 T3 20150130

DOCDB simple family (application)

EP 11195233 A 20111222; DK 11195233 T 20111222; EP 14180956 A 20111222; EP 15161567 A 20111222; ES 11195233 T 20111222; PL 11195233 T 20111222