

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 2803490 A2 20141119 (EN)**

Application

**EP 14180945 A 20111222**

Priority

- EP 14180945 A 20111222
- EP 11195260 A 20111222

Abstract (en)

A printing fluid cartridge is configured to be inserted into a cartridge mounting portion in an insertion direction intersecting a gravitational direction in an upright position. The printing fluid cartridge includes a front face oriented toward the insertion direction when the printing fluid cartridge is inserted into the cartridge mounting portion, a rear face positioned opposite the front face with respect to the insertion direction, an electrical interface disposed at a top face, such that the electrical interface is exposed to an exterior of the printing fluid cartridge, and a printing fluid supply portion including a printing fluid supply opening. The printing fluid supply portion is positioned at the front face. The electrical interface is positioned above the printing fluid supply portion, when the printing fluid cartridge is in the upright position. The electrical interface is positioned more rearward than the printing fluid supply portion with respect to the insertion direction.

IPC 8 full level

**B41J 2/175** (2006.01)

CPC (source: EP)

**B41J 2/17509** (2013.01); **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); **B41J 2002/17573** (2013.01); **B41J 2002/17576** (2013.01)

Citation (applicant)

- JP 2009132098 A 20090618 - BROTHER IND LTD
- JP 2007266618 A 20071011 - SEIKO EPSON CORP

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 2607084 A1 20130626**; **EP 2607084 B1 20140924**; EP 2803490 A2 20141119; EP 2803490 A3 20160525; EP 2803490 B1 20181107; EP 3354468 A1 20180801; EP 3354468 B1 20190904; EP 3480022 A1 20190508; EP 3480022 B1 20210512

DOCDB simple family (application)

**EP 11195260 A 20111222**; EP 14180945 A 20111222; EP 18160864 A 20111222; EP 18204646 A 20111222