

Title (en)  
Image recording apparatus

Title (de)  
Bildaufzeichnungsvorrichtung

Title (fr)  
Appareil d'enregistrement d'images

Publication  
**EP 2781358 A1 20140924 (EN)**

Application  
**EP 14152138 A 20140122**

Priority  
JP 2013056127 A 20130319

Abstract (en)  
An image recording apparatus includes a liquid cartridge including a liquid chamber configured to store liquid therein and a cartridge mounting portion configured to receive the liquid cartridge. The liquid cartridge includes a supply opening which is open at an outer surface of the liquid cartridge, a connection opening formed at a lower portion of the liquid chamber with respect to an up-and-down direction, and a liquid path connecting the liquid chamber and the supply opening via the connection opening. When the liquid cartridge is mounted to the cartridge mounting portion, the connection opening is positioned at a front portion of the liquid chamber with respect to a front-and-rear direction and at a right or left portion of the liquid chamber with respect to a left-and-right direction.

IPC 8 full level  
**B41J 2/175** (2006.01)

CPC (source: EP)  
**B41J 2/175** (2013.01); **B41J 2/17506** (2013.01); **B41J 2/17509** (2013.01)

Citation (applicant)  
• JP 2002264363 A 20020918 - BROTHER IND LTD  
• JP 2001199084 A 20010724 - SEIKO EPSON CORP  
• JP 2010030143 A 20100212 - SEIKO EPSON CORP

Citation (search report)  
• [X] EP 2208618 A1 20100721 - BROTHER IND LTD [JP]  
• [X] US 2003038865 A1 20030227 - INAMURA SHUSUKE [JP]  
• [I] EP 1726437 A2 20061129 - GRAPHTEC KK [JP]  
• [X] EP 1164025 A1 20011219 - SEIKO EPSON CORP [JP]  
• [I] EP 0832748 A2 19980401 - HEWLETT PACKARD CO [US]

Cited by  
US2018178531A1; US10336084B2; US10618302B2; US10981390B2

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)  
**EP 2781358 A1 20140924; EP 2781358 B1 20151118**; JP 2014180797 A 20140929; JP 6119338 B2 20170426

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**EP 14152138 A 20140122**; JP 2013056127 A 20130319