

Title (en)  
Image recording apparatus

Title (de)  
Bildaufzeichnungsvorrichtung

Title (fr)  
Appareil d'enregistrement d'images

Publication  
**EP 2233301 A1 20100929 (EN)**

Application  
**EP 10156492 A 20100315**

Priority  
JP 2009080581 A 20090327

Abstract (en)  
An image recording apparatus includes a cartridge mounting portion configured to support an ink cartridge in a predetermined mounted position. The image recording apparatus also includes a restricting member configured to restrict a movement of the ink cartridge by contacting the ink cartridge being in the mounted position, an urging member, and a sliding member configured to be urged by the urging member in the removal direction. The image recording apparatus further includes a detector configured to detect the sliding member, and a controller configured to perform a cartridge-mount-complete process when the controller determines that the sliding member is detected by the detector. The sliding member is shifted from a contact point between the restricting member and the ink cartridge in a direction perpendicular to a supporting surface of the cartridge mounting portion on which the ink cartridge is supported.

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

CPC (source: EP)  
**B41J 2/1752** (2013.01); **B41J 2/17546** (2013.01)

Citation (applicant)  
JP 2008246999 A 20081016 - BROTHER IND LTD

Citation (search report)  
• [X] EP 1241011 A2 20020918 - SEIKO EPSON CORP [JP]  
• [X] US 6767075 B1 20040727 - TAKADA SHINGO [JP], et al  
• [X] US 2007019010 A1 20070125 - KATADA MASAHIRO [JP]  
• [X] EP 0412459 A2 19910213 - CANON KK [JP]  
• [X] US 2007279464 A1 20071206 - HARAZIM EUGEN [DE]  
• [X] EP 0955169 A2 19991110 - CANON KK [JP]  
• [XP] US 2009244166 A1 20091001 - SUGAHARA HIROTO [JP]

Cited by  
EP2607080A1; CN103786442A; EP3112171A1; US8596771B2; US9834003B2; EP2505363A3; EP2952353A3; EP2952354A3; US9592676B2; US10005285B2; US8534814B2; US8991989B2; US9475300B2; US10081193B2

Designated contracting state (EPC)  
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 SE SI SK SM TR

DOCDB simple family (publication)  
**EP 2233301 A1 20100929; EP 2233301 B1 20120104**; AT E539892 T1 20120115; CN 101844447 A 20100929; CN 101844447 B 20120905; JP 2010228374 A 20101014

DOCDB simple family (application)  
**EP 10156492 A 20100315**; AT 10156492 T 20100315; CN 201010136803 A 20100311; JP 2009080581 A 20090327