

Title (en)
Image recording apparatus

Title (de)
Bildaufzeichnungsvorrichtung

Title (fr)
Appareil d'enregistrement d'images

Publication
EP 2233300 A1 20100929 (EN)

Application
EP 10156489 A 20100315

Priority
JP 2009080595 A 20090327

Abstract (en)
An image recording apparatus includes a cartridge mounting portion including an optical detector comprising a light-emitting portion configured to emit light and a light-receiving portion configured to receive the light emitted from the light-emitting portion. The light-receiving portion is configured to output a signal depending on an intensity of light received by the light-receiving portion. The image recording apparatus also includes an ink cartridge including a projecting portion configured to act on the light emitted from the light-emitting portion, causing the intensity of light received by the light-receiving portion to change, during an insertion of the ink cartridge into the cartridge mounting portion. The image recording apparatus further includes a controller configured to allow ink to be consumed in the image recording apparatus, based on a change of the signal output from the light-receiving portion.

IPC 8 full level
B41J 2/175 (2006.01)

CPC (source: EP)
B41J 2/17546 (2013.01)

Citation (applicant)
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Citation (search report)

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