Title (en)

IMAGING CARTRIDGE AND STORAGE CHIP APPLIED IN IMAGING CARTRIDGE

Title (de)

BILDGEBUNGSKASSETTE UND SPEICHERCHIP FÜR BILDGEBUNGSKASSETTE

Title (fr)

CARTOUCHE D'IMAGERIE ET PUCE DE STOCKAGE APPLIQUÉE DANS UNE CARTOUCHE D'IMAGERIE

Publication

EP 3260299 A1 20171227 (EN)

Application

EP 16802409 A 20160426

Priority

- CN 201510304233 A 20150604
- CN 2016080214 W 20160426

Abstract (en)

The present invention discloses an imaging cartridge and a memory chip applied to the imaging box, so as to overcome a disadvantage that when available usage of imaging materials reaches a preset threshold, an existing imaging device may still continue to perform an imaging operation to easily cause a device failure. The memory chip is detachably installable on an imaging box, and the imaging box is detachably installable in the imaging device. The memory chip includes: an interface unit, electrically connecting the memory chip to the imaging device, and receiving an instruction that is sent from the imaging device; a storage unit, storing information related to the imaging box; a service life determining unit, determining, according to the information that is related to the imaging box and that is stored in the storage unit, whether a service life of the imaging box runs out; and an exception processing unit, performing, when the service life determining unit determines that the service life of the imaging box runs out, exception processing according to the instruction sent by the imaging device. By means of the present invention, occurrence of a phenomenon that when imaging materials in an imaging box may run out, a failure occurs in an imaging device due to an empty print can be effectively avoided.

IPC 8 full level

B41J 2/175 (2006.01)

CPC (source: EP)

B41J 2/17526 (2013.01); **B41J 2/17543** (2013.01); **B41J 2/17546** (2013.01); **B41J 2/17566** (2013.01); **B41J 29/38** (2013.01)

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)

WO 2016192486 A1 20161208; EP 3260299 A1 20171227; EP 3260299 A4 20180418

DOCDB simple family (application)

CN 2016080214 W 20160426; EP 16802409 A 20160426