

Title (en)
IMAGING CARTRIDGE AND CHIP APPLIED TO SAME

Title (de)
BILDERZEUGUNGSKARTUSCHE UND DARAUF ANGEWANDTER CHIP

Title (fr)
CARTOUCHE D'IMAGERIE ET PUCE APPLIQUÉE À CELLE-CI

Publication
EP 3922469 B1 20221026 (EN)

Application
EP 20836025 A 20200616

Priority
• CN 201910604136 A 20190705
• CN 2020096366 W 20200616

Abstract (en)
[origin: EP3922469A1] This application provides an imaging cartridge and a chip for an imaging cartridge. The imaging cartridge is removably installed on an imaging apparatus. A plurality of contact pins are disposed on the imaging apparatus. Specifically, the imaging cartridge includes a cartridge body. A first positioning cavity is provided on the cartridge body. An opening of the first positioning cavity is located on a first surface of the cartridge body. A plurality of contact portions configured for contact with the contact pins are further disposed on the cartridge body. When the imaging cartridge is installed on the imaging apparatus, at least two of the plurality of contact pins extend into the first positioning cavity. The contact portions are respectively disposed on two sides of the first positioning cavity. Terminals of the imaging cartridge provided in this application can be in stable electrical contact with the contact pin.

IPC 8 full level
B41J 2/175 (2006.01)

CPC (source: CN EP)
B41J 2/1753 (2013.01 - EP); **B41J 2/17546** (2013.01 - CN EP); **B41J 2/17553** (2013.01 - EP)

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 3922469 A1 20211215; **EP 3922469 A4 20220406**; **EP 3922469 B1 20221026**; **EP 3922469 B8 20221130**; CN 110202942 A 20190906;
CN 110202942 B 20200828; CN 111845095 A 20201030; CN 111845095 B 20210907; JP 2022524777 A 20220510; JP 7164845 B2 20221102;
WO 2021004238 A1 20210114

DOCDB simple family (application)
EP 20836025 A 20200616; CN 201910604136 A 20190705; CN 2020096366 W 20200616; CN 202010754159 A 20190705;
JP 2021553360 A 20200616