

Title (en)

Liquid cartridge for image forming device

Title (de)

Flüssigkeitskartusche für eine Bilderzeugungsvorrichtung

Title (fr)

Cartouche de liquide dans un dispositif de formation d'images

Publication

**EP 2517886 A1 20121031 (EN)**

Application

**EP 11164296 A 20110429**

Priority

EP 11164296 A 20110429

Abstract (en)

A liquid cartridge detachably mountable on a body of an image forming device and capable of supplying liquid to the image forming device when mounted on the body. A liquid delivery path has a first portion and a second portion positioned between a liquid accommodating unit and the first portion. A first opening/closing unit is configured so as to be capable of being switched between an open state in which the first portion is opened and a closed state in which the first portion is closed. A second opening/closing unit is configured so as to be capable of being switched between an open state in which the second portion is opened and a closed state in which the second portion is closed. A storing unit is configured to store time length data indicating a length of a prescribed time. A second opening/closing unit is changed from the closed state to the open state when the prescribed time has elapsed after the liquid cartridge is mounted on the body.

IPC 8 full level

**B41J 2/175** (2006.01)

CPC (source: EP)

**B41J 2/17513** (2013.01); **B41J 2/1752** (2013.01); **B41J 2/17523** (2013.01); **B41J 2/17596** (2013.01)

Citation (applicant)

JP 2005238815 A 20050908 - SEIKO EPSON CORP

Citation (search report)

- [I] US 2007222829 A1 20070927 - STATHEM RALPH L [US]
- [I] US 2006192818 A1 20060831 - PENCIU CRISTIAN [US], et al
- [I] EP 1285764 A1 20030226 - SEIKO EPSON CORP [JP]
- [I] EP 2105306 A2 20090930 - SEIKO EPSON CORP [JP]
- [I] US 2008231676 A1 20080925 - SHIMIZU YOICHIRO [JP]
- [A] US 2009085942 A1 20090402 - ASAUCHI NOBORU [JP]
- [I] US 2010238241 A1 20100923 - SASAKI TOYONORI [JP]

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 2517886 A1 20121031**

DOCDB simple family (application)

**EP 11164296 A 20110429**