

Title (en)

LIQUID CARTRIDGE INCLUDING MOVABLE MEMBER AND SYSTEM USING THE SAME

Title (de)

FLÜSSIGKEITSKARTUSCHE MIT BEWEGLICHEM ELEMENT UND SYSTEM DAMIT

Title (fr)

CARTOUCHE DE LIQUIDE COMPRENANT UN ÉLÉMENT AMOVIBLE ET SYSTÈME L'UTILISANT

Publication

**EP 3546224 A1 20191002 (EN)**

Application

**EP 18165164 A 20180329**

Priority

EP 18165164 A 20180329

Abstract (en)

A liquid cartridge is configured to be inserted into a cartridge-attachment section including a casing, a top surface, a movable member, and an urging member. The casing includes a liquid chamber storing liquid therein; and a liquid passage extending in a first direction in an upright posture. The top surface faces upward in the upright posture and formed with a recess. The movable member has a light blocking portion. The light blocking portion in the upright posture is configured to move between a first position and a second position. At least a part of the light blocking portion in the first position is positioned above the top surface in the upright posture. The urging member is configured to urge the movable member toward the first position.

IPC 8 full level

**B41J 2/175** (2006.01)

CPC (source: EP)

**B41J 2/17503** (2013.01); **B41J 2/17543** (2013.01); **B41J 2/17553** (2013.01)

Citation (search report)

- [XAI] EP 3225401 A1 20171004 - BROTHER IND LTD [JP]
- [XAI] EP 3260298 A1 20171227 - BROTHER IND LTD [JP]
- [IA] EP 2524810 A1 20121121 - ZHUHAI NINESTAR MAN CO LTD [CN]
- [A] EP 3225402 A1 20171004 - BROTHER IND LTD [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 3546224 A1 20191002; EP 3546224 B1 20210811**

DOCDB simple family (application)

**EP 18165164 A 20180329**