

Title (en)  
LIQUID CARTRIDGE

Title (de)  
FLÜSSIGKEITSKARTUSCHE

Title (fr)  
CARTOUCHE DE LIQUIDE

Publication  
**EP 3546221 A1 20191002 (EN)**

Application  
**EP 18165149 A 20180329**

Priority  
EP 18165149 A 20180329

Abstract (en)  
A liquid cartridge configured to be inserted into a cartridge-attachment section in an insertion direction includes a casing, and a lever supported by the casing. The lever is pivotable about a pivot axis between a first position and a second position. The lever includes a light-blocking portion configured to block or attenuate light traveling in a widthwise direction crossing the insertion direction and a gravitational direction, and a force-receiving portion positioned closer to a front wall of the casing than the light-blocking portion is to the front wall in the insertion direction. The light-blocking portion is positioned lower at the second position than at the first position. The pivot axis is positioned frontward of the light-blocking portion and rearward of the force-receiving portion in the insertion direction. The lever pivots from the second position to the first position upon application of an external force to the force-receiving portion.

IPC 8 full level  
**B41J 2/175** (2006.01)

CPC (source: EP)  
**B41J 2/17503** (2013.01); **B41J 2/17543** (2013.01)

Citation (applicant)  
JP 2013049164 A 20130314 - BROTHER IND LTD

Citation (search report)  
• [X] EP 3228460 A1 20171011 - BROTHER IND LTD [JP]  
• [X] EP 3225402 A1 20171004 - BROTHER IND LTD [JP]  
• [X] EP 3260298 A1 20171227 - BROTHER IND LTD [JP]  
• [I] US 2013033552 A1 20130207 - CHEN BAOQUAN [CN], et al

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 3546221 A1 20191002; EP 3546221 B1 20210303**

DOCDB simple family (application)  
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