

Title (en)
LIQUID CARTRIDGE

Title (de)
FLÜSSIGKEITSKARTUSCHE

Title (fr)
CARTOUCHE DE LIQUIDE

Publication
EP 3616923 A1 20200304 (EN)

Application
EP 18192088 A 20180831

Priority
EP 18192088 A 20180831

Abstract (en)
A liquid cartridge is configured to be inserted into an attachment portion of a printing device in an insertion direction and attached thereto in an upright posture. The liquid cartridge includes: a housing having a contact; a circuit board; and a pivoting member. The circuit board is movable between a first position and a second position relative to the housing. The contact of the cartridge faces upward in the upright posture when the circuit board is in the first position. The contact of the cartridge slopes relative to the insertion direction in the upright posture and is electrically connectable to a contact of the device in an attached state of the liquid cartridge when the circuit board is in the second position. The pivoting member is pivotably supported by the housing about a pivot axis and moves the circuit board between the first position and the second position.

IPC 8 full level
B41J 2/175 (2006.01)

CPC (source: EP)
B41J 2/17509 (2013.01); **B41J 2/17513** (2013.01); **B41J 2/1752** (2013.01); **B41J 2/17523** (2013.01); **B41J 2/1753** (2013.01); **B41J 2/17546** (2013.01); **B41J 2/17553** (2013.01); **B41J 2/17566** (2013.01); **B41J 2002/17573** (2013.01)

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

Citation (search report)
• [Y] EP 2653313 A2 20131023 - BROTHER IND LTD [JP]
• [Y] US 2018093487 A1 20180405 - TANAKA NOBUMASA [JP], et al
• [Y] US 2018244062 A1 20180830 - KANBE TOMOHIRO [JP], et al
• [Y] EP 2000311 A2 20081210 - SEIKO EPSON CORP [JP]
• [YA] JP 2018052005 A 20180405 - BROTHER IND LTD

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 3616923 A1 20200304; EP 3616923 B1 20220608

DOCDB simple family (application)
EP 18192088 A 20180831