

Title (en)

Liquid container, liquid supply device, and image printing apparatus

Title (de)

Flüssigkeitsbehälter, Flüssigkeitszufuhrvorrichtung und Bilddruckvorrichtung

Title (fr)

Réceptient de liquide, dispositif d'alimentation en liquide et appareil d'impression d'images

Publication

EP 2397336 B1 20121017 (EN)

Application

EP 10193098 A 20101130

Priority

JP 2010137800 A 20100617

Abstract (en)

[origin: EP2397336A1] A liquid container is configured to be inserted into a mounting portion in an insertion direction and to be removed from the mounting portion in a removal direction opposite the insertion direction. The liquid container includes a main body comprising a liquid chamber configured to store liquid therein, a liquid supply portion positioned at the main body and configured to supply liquid from an interior of the liquid chamber to an exterior of the liquid chamber, and a first cartridge-surface positioned vertically below the main body and extending in the insertion direction and the removal direction, wherein the first cartridge-surface comprises a first deformable portion configured to be resiliently deformable in a width direction perpendicular to the insertion direction and the removal direction, and the first deformable portion comprises a first protrusion.

IPC 8 full level

B41J 2/175 (2006.01)

CPC (source: EP)

B41J 2/1752 (2013.01); **B41J 2/17553** (2013.01)

Cited by

EP2848411A3; EP4265422A1; US9440755B2; US8931887B2; US9004659B2; US8955951B2; US8960871B2; US9108417B2; US9266337B2; US9821557B2; US11285725B2; US11964491B2

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 2397336 A1 20111221; **EP 2397336 B1 20121017**; CN 102285237 A 20111221; CN 102285237 B 20141203; DE 102010062175 A1 20111222; JP 2012000848 A 20120105; JP 5454377 B2 20140326

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EP 10193098 A 20101130; CN 201010572405 A 20101130; DE 102010062175 A 20101130; JP 2010137800 A 20100617