

Title (en)
Liquid container

Title (de)
Flüssigkeitsbehälter

Title (fr)
Conteneur de liquide

Publication
EP 1815994 A3 20090805 (EN)

Application
EP 07008671 A 20040805

Priority
• EP 04018562 A 20040805
• JP 2003290713 A 20030808
• US 88252804 A 20040630

Abstract (en)
[origin: EP1504906A2] An ink cartridge includes a container body with a surface, the surface having a recess, the recess having a bottom and a perimeter wall, and a guide projection disposed within the recess, at least a portion of the guide projection extending from the bottom of the recess toward the surface. Viewing the guide projection in a direction perpendicular to the bottom of the recess, the guide projection has at least three edges. The perimeter wall and the edges of the guide projection define a path therebetween, and the path has at least a predetermined width.

IPC 8 full level
B41J 2/175 (2006.01)

CPC (source: EP)
B41J 2/1752 (2013.01); **B41J 2/17553** (2013.01)

Citation (search report)
• [X] EP 1199179 A1 20020424 - SEIKO EPSON CORP [JP]
• [PX] EP 1375159 A1 20040102 - SEIKO EPSON CORP [JP]
• [A] US 2002071011 A1 20020613 - HAYASHI HIROKI [JP], et al
• [A] US 5500664 A 19960319 - SUZUKI ETSUROU [JP], et al

Cited by
EP3034303A1; EP3225404A1; AU2018431744B2; EP4242007A1; EP2826630A3; US11364721B2; US11420444B2; US11667124B2; WO2020013832A1; US9616670B2; US9738080B1; US9770914B2; US10112400B2; US10391775B2; US11364720B2; US11667125B2; US11951748B2; EP2826630A2; US11173719B2; US11590761B2; US11840091B2; EP2740604B1; EP2588320A1

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AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL HR LT LV MK

DOCDB simple family (publication)
EP 1504906 A2 20050209; EP 1504906 A3 20060308; CN 100537242 C 20090909; CN 100544962 C 20090930; CN 101049765 A 20071010; CN 101054025 A 20071017; CN 101054025 B 20100616; CN 1623788 A 20050608; EP 1815994 A2 20070808; EP 1815994 A3 20090805; EP 1815994 B1 20130424; EP 1815995 A2 20070808; EP 1815995 A3 20090805

DOCDB simple family (application)
EP 04018562 A 20040805; CN 200410055158 A 20040809; CN 200710107315 A 20040809; CN 200710107316 A 20040809; EP 07008671 A 20040805; EP 07008678 A 20040805