

Title (en)
PRINTING-FLUID CARTRIDGE AND SYSTEM USING THE SAME

Title (de)
DRUCKFLÜSSIGKEITSKARTUSCHE UND SYSTEM DAMIT

Title (fr)
CARTOUCHE DE LIQUIDE D'IMPRESSION ET SYSTÈME Y FAISANT APPEL

Publication
EP 3437879 A1 20190206 (EN)

Application
EP 17184060 A 20170731

Priority
EP 17184060 A 20170731

Abstract (en)
A printing fluid cartridge a printing fluid cartridge is configured to be inserted into a printing fluid consuming apparatus in an insertion direction. The printing fluid cartridge includes: a storage chamber, a supply portion, a rear surface, an upper surface, an electrical interface, a locking surface, one protrusion, and another protrusion. The storage chamber is configured to store printing fluid. The one protrusion and the another protrusion define a plurality of imaginary planes each of which passes through the one protrusion and the another protrusion. The plurality of imaginary planes includes a specific imaginary plane. The specific imaginary plane is positioned higher than any other imaginary plane between the one protrusion and the another protrusion. The electrical interface is positioned downward relative to the specific imaginary plane in the gravitational direction in the attached posture.

IPC 8 full level
B41J 2/175 (2006.01)

CPC (source: EP)
B41J 2/175 (2013.01); **B41J 2/17503** (2013.01); **B41J 2/17513** (2013.01); **B41J 2/1752** (2013.01); **B41J 2/17526** (2013.01); **B41J 2/17543** (2013.01); **B41J 2/17546** (2013.01); **B41J 2/17553** (2013.01); **B41J 2/17566** (2013.01)

Citation (applicant)
JP 2015058545 A 20150330 - SEIKO EPSON CORP

Citation (search report)
• [I] US 2017066248 A1 20170309 - ONO AKIHITO [JP]
• [I] US 2017066249 A1 20170309 - ONO AKIHITO [JP], et al
• [A] EP 2607087 A1 20130626 - BROTHER IND LTD [JP]

Cited by
AU2020239767A1; AU2020239767B2; AU2020239713A1; AU2020239713B2; WO2021199423A1; WO2022055361A1; US11453220B2; US11865844B2; US11345160B2; US11667127B2; US11364723B2; US11912038B2; WO2021199424A1; WO2021199425A1

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EP 3437879 A1 20190206; **EP 3437879 B1 20200212**; EP 3653390 A1 20200520; EP 3653390 B1 20221005; ES 2786776 T3 20201013

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