

Title (en)
Liquid accommodating container, ink jet cartridge having said liquid accommodating container and ink jet apparatus having said ink jet cartridge

Title (de)
Behälter für Flüssigkeit, Tintenstrahlkassette mit diesem Behälter für Flüssigkeit und Tintenstrahlapparat mit dieser Tintenstrahlkassette

Title (fr)
Conteneur pour liquide, cartouche à jet d'encre comportant ledit conteneur et appareil à jet d'encre comportant ladite cartouche à jet d'encre

Publication
EP 0802056 A2 19971022 (EN)

Application
EP 97109851 A 19940628

Priority
• EP 94109973 A 19940628
• JP 15949493 A 19930629
• JP 16179093 A 19930630
• JP 16113593 A 19930630
• JP 19137993 A 19930802
• JP 21978793 A 19930903
• JP 12596594 A 19940608

Abstract (en)
A liquid accommodating container (1000) is connected to an ink jet head (2000) and accommodates a liquid supplied to said ink jet head (2000). The container comprises: a partition (1100a) for dividing said liquid accommodating container (1000) into having a first chamber (1100) and a second chamber (1200), wherein said first chamber (1100) is accommodated with a negative pressure generating member (1102) and has a supply portion (1101) for supplying the liquid to said head (2000) and an atmosphere communicating section (1150, 1300) communicated with an atmospheric air, said second chamber (1200) is communicated with said first chamber (1100) through said atmosphere communicating section (1150, 1300) and substantially sealed except said atmosphere communicating section (1150, 1300), said second chamber (1200) accommodating the liquid to be supplied to said first chamber (1100), and a rib (1103a, 1103b, 1103c) contacting said negative pressure generating member (1102) to define a space being provided on an upper surface of said first chamber (1100) in a state that said liquid accommodating container (1000) is used. <IMAGE>

IPC 1-7
B41J 2/175

IPC 8 full level
B41J 2/175 (2006.01)

CPC (source: EP)
B41J 2/17513 (2013.01); **B41J 2/17533** (2013.01); **B41J 2/17536** (2013.01); **B41J 2/17553** (2013.01); **B41J 2/17556** (2013.01)

Cited by
CN109195712A; EP2062732A3; CN1112995C; EP0956959A3; EP1623835A3; US6305785B1; US6345889B1; WO2017203993A1; WO0006389A1; US6502931B2; US6758557B2

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB GR IE IT LI LU NL PT SE

DOCDB simple family (publication)
EP 0631874 A2 19950104; EP 0631874 A3 19950705; EP 0631874 B1 19990915; AT E184544 T1 19991015; AT E217261 T1 20020515; AT E226516 T1 20021115; AT E226892 T1 20021115; AT E228064 T1 20021215; DE 69420624 D1 19991021; DE 69420624 T2 20000406; DE 69430589 D1 20020613; DE 69430589 T2 20021002; DE 69431605 D1 20021128; DE 69431605 T2 20030703; DE 69431634 D1 20021205; DE 69431634 T2 20030403; DE 69431762 D1 20030102; DE 69431762 T2 20030424; DK 0805032 T3 20021125; DK 0805033 T3 20020826; EP 0802056 A2 19971022; EP 0802056 A3 19971112; EP 0802056 B1 20021120; EP 0802057 A2 19971022; EP 0802057 A3 19971112; EP 0802057 B1 20021030; EP 0805032 A2 19971105; EP 0805032 A3 19971112; EP 0805032 B1 20021023; EP 0805033 A2 19971105; EP 0805033 A3 19971112; EP 0805033 B1 20020508; ES 2138013 T3 20000101; ES 2176559 T3 20021201; ES 2184924 T3 20030416; ES 2184925 T3 20030416; HK 1004639 A1 19981113; HK 1004640 A1 19981113; HK 1011663 A1 19990716; PT 805032 E 20030228; PT 805033 E 20021031; SG 67330 A1 19990921; SG 87851 A1 20020416

DOCDB simple family (application)
EP 94109973 A 19940628; AT 94109973 T 19940628; AT 97109850 T 19940628; AT 97109851 T 19940628; AT 97109852 T 19940628; AT 97109855 T 19940628; DE 69420624 T 19940628; DE 69430589 T 19940628; DE 69431605 T 19940628; DE 69431634 T 19940628; DE 69431762 T 19940628; DK 97109850 T 19940628; DK 97109855 T 19940628; EP 97109850 A 19940628; EP 97109851 A 19940628; EP 97109852 A 19940628; EP 97109855 A 19940628; ES 94109973 T 19940628; ES 97109850 T 19940628; ES 97109851 T 19940628; ES 97109855 T 19940628; HK 98103860 A 19980505; HK 98103861 A 19980505; HK 98112872 A 19981205; PT 97109850 T 19940628; PT 97109855 T 19940628; SG 1996006780 A 19940628; SG 1999005532 A 19940628