

Title (en)
Ink cartridge

Title (de)
Tintenpatrone

Title (fr)
Cartouche d'encre

Publication
EP 2095960 A1 20090902 (EN)

Application
EP 08003702 A 20080228

Priority
EP 08003702 A 20080228

Abstract (en)
An ink cartridge includes a case, an ink supply portion positioned at a front face of the case, a movable member configured to move relative to the case, and at least one resilient member coupled to a rear face of the case and the movable member. The at least one resilient member is configured to expand in an expansion direction and to contract in a contraction direction to move the movable member relative to the case, and a shape of the case in the expansion and contraction directions is unaltered. The entire moveable member is configured to substantially simultaneously move relative to the case when the at least one resilient member expands and contracts.

IPC 8 full level
B41J 2/175 (2006.01)

CPC (source: EP)
B41J 2/17513 (2013.01); **B41J 2/1752** (2013.01); **B41J 2/17553** (2013.01); **B41J 2/17566** (2013.01)

Citation (applicant)
US 2006087532 A1 20060427 - TAKATA MASAYUKI [JP], et al

Citation (search report)
• [X] US 2006087532 A1 20060427 - TAKATA MASAYUKI [JP], et al
• [X] EP 1300247 A2 20030409 - CANON KK [JP]
• [X] US 2002063759 A1 20020530 - HIRANO HIROFUMI [JP], et al
• [A] US 2007126818 A1 20070607 - HIBBARD CHRISTOPHER [AU], et al
• [A] US 7188939 B1 20070313 - SASAKI TOYONORI [JP]
• [A] US 2007229615 A1 20071004 - HATTORI SHINGO [JP], et al

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JPWO2014115506A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
EP 2095960 A1 20090902; **EP 2095960 B1 20100623**; AT E471819 T1 20100715; DE 602008001595 D1 20100805; EP 2204287 A2 20100707; EP 2204287 A3 20100728; EP 2204287 B1 20121114; ES 2345412 T3 20100922; HK 1130032 A1 20091218

DOCDB simple family (application)
EP 08003702 A 20080228; AT 08003702 T 20080228; DE 602008001595 T 20080228; EP 10157796 A 20080228; ES 08003702 T 20080228; HK 09109254 A 20091007