

Title (en)

INK CARTRIDGE, ESPECIALLY FOR AN INK JET PRINTER

Title (de)

TINTENPATRONE, INSBESONDERE FÜR TINTENSTRAHLDRUCKER

Title (fr)

CARTOUCHE D'ENCRE DESTINÉE EN PARTICULIER À UNE IMPRIMANTE À JET D'ENCRE

Publication

EP 2214907 B1 20141112 (DE)

Application

EP 08851980 A 20081118

Priority

- EP 2008065725 W 20081118
- DE 102007055162 A 20071119

Abstract (en)

[origin: WO2009065814A1] The invention relates to an ink cartridge (10) with an ink reservoir which delimits a free ink volume (16) in a first compartment (17) and a capillary volume (15) in a second compartment (18), the compartments (17, 18) being fluidically interconnected and the compartment (18) delimiting the capillary volume (15) being associated with an ink outlet (21). The invention is characterized by a bubble generator in the form of a dip tube (29) that dips into the free ink volume (16) and that can be connected to the exterior, at least one opening (30) for the introduction of air bubbles being provided at the distal end thereof.

IPC 8 full level

B41J 2/175 (2006.01)

CPC (source: EP US)

B41J 2/17513 (2013.01 - EP US); **B41J 2/17556** (2013.01 - EP US)

Cited by

EP3078497A1

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

DOCDB simple family (publication)

DE 102007055162 A1 20090520; CN 101868355 A 20101020; EP 2214907 A1 20100811; EP 2214907 B1 20141112; JP 2011502835 A 20110127; US 2010253754 A1 20101007; WO 2009065814 A1 20090528

DOCDB simple family (application)

DE 102007055162 A 20071119; CN 200880116781 A 20081118; EP 08851980 A 20081118; EP 2008065725 W 20081118; JP 2010533612 A 20081118; US 74374908 A 20081118