

Title (en)
INK CONTAINER FOR INK-JET PRINTER

Title (de)
TINTENBEHÄLTER FÜR TINTENSTRAHLDRUCKER

Title (fr)
RÉSERVOIR D'ENCRE POUR IMPRIMANTE À JET D'ENCRE

Publication
EP 2116380 A4 20130123 (EN)

Application
EP 08734038 A 20080202

Priority
• CN 2008070240 W 20080202
• CN 200720048947 U 20070224

Abstract (en)
[origin: EP2116380A1] An ink container for an ink-jet printer includes an ink outlet, an air vent, an ink supply cavity and a first ink chamber. The air vent that is at a vertex portion of the first ink chamber in a perpendicular direction connects the first ink chamber with atmosphere. The ink outlet that is on a perpendicular sidewall of the ink supply cavity and close to the bottom connects the ink supply cavity with outside environment. A first ink tube is horizontally arranged above a central position of the ink supply cavity in perpendicular direction. One end of the first ink tube is connected to the ink supply cavity, and the other end is connected to the first ink chamber at a position lower than the first ink tube in the perpendicular direction. Based on this version, an ink cartridge with multiple chambers will be achieved by additionally increasing the number of ink chambers. The ink container is simple in the structure, and it can be prevented for ink from being disturbed by gas in each ink chamber during the preservation and transportation.

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CPC (source: EP)
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Citation (search report)
• No further relevant documents disclosed
• See references of WO 2008101425A1

Cited by
JP2018001577A; JP2021059119A

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