

Title (en)

Ink cartridge, ink cartridge unit and ink jet printhead

Title (de)

Tintenpatrone, Tintenpatroneneinheit sowie Tintenstrahldruckkopf

Title (fr)

Cartouche d'encre, unité de cartouche d'encre et tête d'impression par jet d'encre

Publication

EP 1533125 B1 20060719 (DE)

Application

EP 03026434 A 20031119

Priority

EP 03026434 A 20031119

Abstract (en)

[origin: EP1533125A1] The cartridge (1) has a housing (2) enclosing at least one chamber with an ink outlet (6) with an opening (7) in the underside, an air opening in the upper side and filled with a porous storage body (3) fully soaked with ink. The ink outlet contains an annular seal (8) inserted into the opening and made of soft elastic material forming a sealing surface (10) enclosing an outlet opening (12) at the outside of the housing. Independent claims are also included for the following: (A) an ink cartridge unit with an ink cartridge (B) and a inkjet print head with at least one inventive ink cartridge.

IPC 8 full level

B41J 2/175 (2006.01)

CPC (source: EP KR US)

B41J 2/17503 (2013.01 - KR); **B41J 2/17513** (2013.01 - EP KR US); **B41J 2/17553** (2013.01 - EP KR US)

Citation (examination)

- US 5784088 A 19980721 - UJITA TOSHIHIKO [JP], et al
- US 6149267 A 20001121 - GEISSMANN JUERG [CH]
- US 5767881 A 19980616 - GEISSMANN JUERG [CH]

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AU2015100932B4; EP1862314A3; EP1905595A1; CN102161278A

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