

Title (en)

WRITING TOOL PROVIDED WITH A VALVE FEEDING DEVICE

Title (de)

SCHREIBGERÄT MIT EINEM ZUFLUSSVENTIL.

Title (fr)

INSTRUMENT D'ECRITURE COMPORTANT UN DISPOSITIF D'ALIMENTATION A VALVE

Publication

**EP 1718477 B1 20130424 (FR)**

Application

**EP 05717511 A 20050128**

Priority

- FR 2005000192 W 20050128
- FR 0401846 A 20040224

Abstract (en)

[origin: FR2866597A1] The writing instrument (1), comprising a body (2) with an ink reservoir (3), an inking roller (16) for its roller writing tip (17), and an ink feed (19) with a duct in the form of a sleeve (20) and a valve (22), has the stem (32) of the valve able to slide with a clearance inside the duct to allow the ink to flow when the flat upper portion (31) of the valve is open. The valve is made from, or coated with, a moisture repellent material, and its stem has a tapering pyramidal section inside a rectangular duct.

IPC 8 full level

**B43K 17/00** (2006.01); **B43K 8/00** (2006.01); **B43K 8/04** (2006.01); **B43K 8/20** (2006.01)

CPC (source: EP US)

**B43K 8/003** (2013.01 - EP US); **B43K 8/20** (2013.01 - EP US); **B43K 17/005** (2013.01 - EP US)

Designated contracting state (EPC)

DE ES FR GB

DOCDB simple family (publication)

**FR 2866597 A1 20050826; FR 2866597 B1 20060526**; AU 2005225171 A1 20051006; BR PI0506937 A 20070612; CA 2553205 A1 20051006; CN 100445107 C 20081224; CN 1910056 A 20070207; EP 1718477 A1 20061108; EP 1718477 B1 20130424; JP 2007522964 A 20070816; US 2007217859 A1 20070920; US 7396179 B2 20080708; WO 2005092636 A1 20051006

DOCDB simple family (application)

**FR 0401846 A 20040224**; AU 2005225171 A 20050128; BR PI0506937 A 20050128; CA 2553205 A 20050128; CN 200580002001 A 20050128; EP 05717511 A 20050128; FR 2005000192 W 20050128; JP 2006553610 A 20050128; US 59714105 A 20050128