

Title (en)

Writing pen with ink storage

Title (de)

Schreibstift mit Tintenspeicher

Title (fr)

Stylo d'écriture avec réservoir d'encre

Publication

EP 2431192 B1 20150527 (EN)

Application

EP 10176794 A 20100915

Priority

EP 10176794 A 20100915

Abstract (en)

[origin: EP2431192A1] A writing pen with ink storage is provided, comprising a writing nib, an ink storage compartment for storing ink, an ink inducing device for inducing ink into the writing nib, wherein the writing pen further comprises an air pressure balancing plug which is plugged in an open end of the ink storage compartment to seal ink, and a breathable core having nanopores, the breathable core being inserted into the air pressure balancing plug with one end extending into ink and the other end communicating with ambient air. The writing pen with ink storage of the present invention has simple structure, provides fluent writing and no ink leakage.

IPC 8 full level

B43K 8/03 (2006.01); **B43K 8/08** (2006.01)

CPC (source: EP)

B43K 8/03 (2013.01); **B43K 8/08** (2013.01); **B43L 19/0018** (2013.01); **B43L 19/0068** (2013.01)

Cited by

CN105730063A; CN112192971A; EP3112181A1; EP4011639A1; US11884092B2

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

EP 2431192 A1 20120321; EP 2431192 B1 20150527

DOCDB simple family (application)

EP 10176794 A 20100915