

Title (en)

FOUNTAIN PEN AND CLEAN INK REFILL SYSTEM

Title (de)

FÜLLFEDERHALTER UND SAUBERES TINTENNACHFÜLLSYSTEM

Title (fr)

STYLO ET SYSTÈME DE RECHARGE D'ENCRE PROPRE

Publication

EP 3162586 B1 20201216 (EN)

Application

EP 15192118 A 20151029

Priority

EP 15192118 A 20151029

Abstract (en)

[origin: EP3162586A1] A fountain pen and clean refill system includes a fountain pen having a barrel body (12) with a reservoir (14) and an open end. A valve is disposed within the barrel body between the reservoir and the open end, the valve selectively opening and closing the open end. A feed assembly includes a ferrule and a nib support that is slidably coupled to the ferrule. A valve opening mechanism extends from one end of the nib support and the valve opening mechanism pushes the valve towards an open position in response to writing pressure applied to a writing nib that is attached to the nib support. A refill bottle (102) includes a refill tube (116) that extends through an opening (104) in the refill bottle, the refill tube actuating the valve during ink refill operations.

IPC 8 full level

B43K 11/00 (2006.01); **B43K 5/18** (2006.01)

CPC (source: EP)

B43K 5/1827 (2013.01); **B43K 8/04** (2013.01); **B43K 11/00** (2013.01)

Cited by

CN113212032A; US12011699B2; WO2019122940A3

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 RS SE SI SK SM TR

DOCDB simple family (publication)

EP 3162586 A1 20170503; EP 3162586 B1 20201216

DOCDB simple family (application)

EP 15192118 A 20151029