

Title (en)

FOUNTAIN PEN

Publication

**EP 0015784 B1 19840118 (EN)**

Application

**EP 80300784 A 19800313**

Priority

- JP 2897079 A 19790313
- JP 10340379 A 19790814

Abstract (en)

[origin: EP0015784A1] Ink is supplied to the nib (2) of the pen under the control of a motor-actuated ink delivery device (9). An ink holder (1a) is formed covering a slit region (4) of the nib (2) to form an ink pool (1) between the ink holder and the nib. A detector (6) is provided for detecting the quantity of ink in the ink pool (1) at any time. A pen holder (5) supports the nib (2), and includes an ink reservoir (8) opening into the ink pool (1). The ink delivery device (9) is coupled to the ink reservoir (8) for delivering ink to the ink pool (1) under pressure. An electrical power source (15) and a power delivery circuit are provided for controlling the flow of current to an operating motor (10).

IPC 1-7

**B43K 5/18**

IPC 8 full level

**B43K 5/18** (2006.01); **B43K 8/22** (2006.01)

CPC (source: EP)

**B43K 5/189** (2013.01); **B43K 8/22** (2013.01)

Citation (examination)

- US 3335424 A 19670808 - ANTAL HARTAI
- DE 2255495 B1 19740509
- DE 1225883 B 19660929 - PETER G S MERO
- DE 1207644 B 19651223 - VICTOR COMPTOMETER CORP
- DE 1266520 C

Cited by

EP0539747A1; FR2704183A1; EP0355902A3; EP0096177A3; FR2661135A1; US5336007A; GB2215672A; GB2215672B; EP0337867A1; FR2629988A1; US4954000A

Designated contracting state (EPC)

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