Title (en)

PEN WITH AN INK CARTRIDGE

Publication

EP 0375890 A3 19901114 (DE)

Application

EP 89120531 A 19891106

Priority

- DE 3841201 A 19881207
- DE 3920773 A 19890624

Abstract (en)

[origin: US4979840A] A cartridge-type fountain pen is formed at its rear end with a reserve compartment for receiving a reserve ink cartridge or a liquid applicator reservoir whose applicator is designed to project through an opening end of the rear end of the barrel. A second cap can be pressed on this rear end and has a rear cap member spring biased into engagement with the reservoir and whose position is visible through a window in an outer cap member of this second cap so that the user can ascertain whether or not the liquid applicator is in place within the reserve compartment.

IPC 1-7

B43K 5/10; B43K 29/00

IPC 8 full level

B43K 5/10 (2006.01); **B43K 23/12** (2006.01); **B43K 29/00** (2006.01)

CPC (source: EP US)

B43K 5/10 (2013.01 - EP US); **B43K 23/128** (2013.01 - EP US); **B43K 29/00** (2013.01 - EP US)

Citation (search report)

- [Y] DE 3538077 C1 19861218 - PELIKAN AG
- [YD] DE 2441610 A1 19760318 - KREUZER ERWIN
- [Y] DE 827760 C 19520114 - F SOENNEKEN FA
- [Y] GB 2174374 A 19861105 - PLATIGNUM PLC
- [A] US 2453491 A 19481109 - CARDIN CARL J
- [A] FR 2487261 A1 19820129 - KOTOBUKI & CO LTD [JP]
- [AP] DE 3817248 C1 19891026

Designated contracting state (EPC)

DE FR IT

DOCDB simple family (publication)

EP 0375890 A2 19900704; **EP 0375890 A3 19901114**; **EP 0375890 B1 19931110**; DE 3920773 A1 19900613; DE 3920773 C2 19930527; DE 58906170 D1 19931216; US 4979840 A 19901225

DOCDB simple family (application)

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