

Title (en)
Fountain pen

Title (de)
Füllfederhalter

Title (fr)
Stylo à plume

Publication
EP 0943455 A3 20021009 (DE)

Application
EP 99250068 A 19990308

Priority
DE 19813153 A 19980319

Abstract (en)
[origin: EP0943455A2] A retracting fountain pen has a tubular body containing a nib on the front of an ink guide which connects the ink cartridge with the nib. A twist action extends and retracts the nib. The slotted guide which controls the twist action has an extended profile which when twisted further, pushes the end of the cartridge out of the rear of the body, pushing open a hinged end flap. The enables the user to pull out the cartridge and replace it with a fresh one.

IPC 1-7
B43K 5/16

IPC 8 full level
B43K 5/14 (2006.01); **B43K 5/16** (2006.01)

CPC (source: EP US)
B43K 5/16 (2013.01 - EP US)

Citation (search report)
• [A] US 2952242 A 19600913 - MARIO ROSSO
• [A] US 897892 A 19080908 - HAMILTON ROBERT A [US]
• [A] US 700909 A 19020527 - FRAZER WILLIAM G [US]
• [A] DE 2732518 A1 19780126 - INTERLIGHT VILLARS SUR GLANE
• [AD] US 3203403 A 19650831 - SEIKICHI YANAGITA, et al

Cited by
CN103902063A; CN102303468A; CN102405454A

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 0943455 A2 19990922; EP 0943455 A3 20021009; EP 0943455 B1 20060118; AT E316008 T1 20060215; DE 19813153 A1 19991021; DE 19813153 C2 20000127; DE 59913060 D1 20060406; ES 2255224 T3 20060616; HK 1024210 A1 20001005; JP 3723007 B2 20051207; JP H11314486 A 19991116; SG 99849 A1 20031127; TW 414765 B 20001211; US 6186687 B1 20010213

DOCDB simple family (application)
EP 99250068 A 19990308; AT 99250068 T 19990308; DE 19813153 A 19980319; DE 59913060 T 19990308; ES 99250068 T 19990308; HK 00101532 A 20000313; JP 7685999 A 19990319; SG 1999001363 A 19990313; TW 88104269 A 19990416; US 27262399 A 19990319