

Title (en)
WRITING INSTRUMENT WITH A LATERAL BUTTON

Title (de)
SCHREIBGERÄT MIT QUERKNOPF

Title (fr)
INSTRUMENT D'ECRITURE A BOUTON LATERAL

Publication
EP 1677991 A2 20060712 (FR)

Application
EP 04805249 A 20041020

Priority
• FR 2004002685 W 20041020
• FR 0312332 A 20031022

Abstract (en)
[origin: FR2861330A1] The pencil has a writing point forwarding mechanism with a movable part (20) having a bearing (25) parallel to a longitudinal axis adjacent to a ramp (26). A cam (12) is supported on the bearing during tilting movement of a side button (7), and against the ramp at the end of the movement. The button effectuates another tilting movement towards inside body during which the cam cooperates with the ramp.

IPC 1-7
B43K 21/033; **B43K 21/02**; **B43K 21/16**

IPC 8 full level
B43K 7/12 (2006.01); **B43K 21/02** (2006.01); **B43K 21/027** (2006.01); **B43K 21/033** (2006.01); **B43K 21/16** (2006.01); **B43K 21/22** (2006.01)

CPC (source: EP US)
B43K 7/12 (2013.01 - EP US); **B43K 21/027** (2013.01 - EP US); **B43K 21/16** (2013.01 - EP US); **B43K 21/22** (2013.01 - EP US)

Citation (search report)
See references of WO 2005039888A2

Designated contracting state (EPC)
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DOCDB simple family (publication)
FR 2861330 A1 20050429; **FR 2861330 B1 20060203**; AU 2004283923 A1 20050506; BR PI0415162 A 20061128; CA 2540651 A1 20050506; CN 100448695 C 20090107; CN 1871135 A 20061129; EP 1677991 A2 20060712; JP 2007508968 A 20070412; JP 4516573 B2 20100804; MX PA06004496 A 20060627; US 2007231048 A1 20071004; US 7452147 B2 20081118; WO 2005039888 A2 20050506; WO 2005039888 A3 20050616

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FR 0312332 A 20031022; AU 2004283923 A 20041020; BR PI0415162 A 20041020; CA 2540651 A 20041020; CN 200480031113 A 20041020; EP 04805249 A 20041020; FR 2004002685 W 20041020; JP 2006536120 A 20041020; MX PA06004496 A 20041020; US 57617404 A 20041020