

Title (en)

Writing instrument with (controlled) variably inclinable tip

Title (de)

Schreibgerät mit (gesteuert) neigungsvariabler Spitze

Title (fr)

Instrument d'écriture comportant une pointe à inclinaison variable commandée

Publication

EP 1270265 A3 20080611 (DE)

Application

EP 02020958 A 20000118

Priority

- DE 19901629 A 19990118
- EP 00901584 A 20000118

Abstract (en)

[origin: US7195415B1] A writing instrument is ergonomically adjusted to the position of a user's hands. The writing device has a substantially tubular shaft along a main axis, a terminal part at the rear end of the shaft and a substantially conical tip at the front end of the shaft. Using the terminal part, the tip can be pivoted (inclined) in a controlled manner in relation to the shaft in a plane containing the main axis. Alternatively, an angle of inclination of a cone axis of the tip can be adjusted in relation to the main axis.

IPC 8 full level

B43K 3/00 (2006.01); **B43K 7/00** (2006.01); **B43K 7/10** (2006.01); **B43K 23/004** (2006.01); **B43K 24/08** (2006.01)

CPC (source: EP US)

B43K 5/005 (2013.01 - EP US); **B43K 7/005** (2013.01 - EP US); **B43K 8/003** (2013.01 - EP US); **B43K 23/004** (2013.01 - EP US); **B43K 24/08** (2013.01 - EP US)

Citation (search report)

- [X] FR 1394150 A 19650402
- [X] FR 1253384 A 19610210

Cited by

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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)

US 7195415 B1 20070327; AT E228942 T1 20021215; CN 1242889 C 20060222; CN 1336877 A 20020220; DE 10080044 D2 20050512; DE 19901629 A1 20000720; DE 50000862 D1 20030116; DK 1144203 T3 20030324; EP 1144203 A1 20011017; EP 1144203 B1 20021204; EP 1270265 A2 20030102; EP 1270265 A3 20080611; ES 2188502 T3 20030701; HK 1043570 A1 20020920; HK 1043570 B 20060707; JP 2002534303 A 20021015; PT 1144203 E 20030430; TW I231790 B 20050501; WO 0041898 A1 20000720

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US 88953500 A 20000118; AT 00901584 T 20000118; CN 00802875 A 20000118; DE 10080044 T 20000118; DE 19901629 A 19990118; DE 50000862 T 20000118; DK 00901584 T 20000118; EP 0000368 W 20000118; EP 00901584 A 20000118; EP 02020958 A 20000118; ES 00901584 T 20000118; HK 02105240 A 20020716; JP 2000593489 A 20000118; PT 00901584 T 20000118; TW 89108791 A 20000509