

Title (en)
Writing implement

Title (de)
Schreibgerät

Title (fr)
Instrument d'écriture

Publication
EP 1486349 A3 20041229 (DE)

Application
EP 04022316 A 20021220

Priority
• DE 20200808 U 20020118
• DE 20200806 U 20020118
• EP 02028563 A 20021220

Abstract (en)
[origin: EP1329338A2] The writing apparatus has an outer casing (2), inside which a writing point (M) is axially movable. The writing point is located in the point (4) of the apparatus (1). In the outer casing of the apparatus is an inner casing (3) which accommodates the writing point and which is movable in an axial direction. The outer casing has a guide component (8) for a control device (9) connected with the inner casing. Through a movement of the control device, the inner casing is movable from a first end position, in which the writing point tip (M') lies behind the front end of the outer casing, into a second end position in which the writing point tip is located in front of the front end of the outer casing. The inner casing can be fixed in this second end position.

IPC 1-7
B43K 24/08; **B43K 24/04**

IPC 8 full level
B43K 24/04 (2006.01); **B43K 24/08** (2006.01)

CPC (source: EP)
B43K 24/04 (2013.01); **B43K 24/08** (2013.01)

Citation (search report)
• [X] US 6273627 B1 20010814 - MITTERSINKER GREGOR [US], et al
• [PX] EP 1221383 A1 20020710 - ATX INT INC [US]
• [X] US 4601599 A 19860722 - KATOH HIROYASU [JP]
• [X] US 6276855 B1 20010821 - HSIEN MING-JEN [TW]
• [X] EP 0968843 A1 20000105 - MAN SOO CHOI [KR]

Cited by
GB2467775A

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

DOCDB simple family (publication)
EP 1329338 A2 20030723; **EP 1329338 A3 20040102**; **EP 1329338 B1 20050921**; AT E304948 T1 20051015; DE 50204317 D1 20060202; DK 1329338 T3 20051017; EP 1486349 A2 20041215; EP 1486349 A3 20041229; ES 2247259 T3 20060301; PT 1329338 E 20051130; SI 1329338 T1 20051231

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EP 02028563 A 20021220; AT 02028563 T 20021220; DE 50204317 T 20021220; DK 02028563 T 20021220; EP 04022316 A 20021220; ES 02028563 T 20021220; PT 02028563 T 20021220; SI 200230171 T 20021220